

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/001**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **BREDSTEDT**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **008E5643 54N3845**
 Altitude of sight above mean sea level (m) : **40**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **108**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	144	10:	141	20:	139	30:	142	40:	143	50:	143	60:	142	70:	139	80:	136
90:	133	100:	134	110:	134	120:	134	130:	132	140:	139	150:	141	160:	143	170:	146
180:	146	190:	147	200:	147	210:	147	220:	147	230:	147	240:	147	250:	147	260:	147
270:	147	280:	147	290:	146	300:	145	310:	145	320:	145	330:	145	340:	145	350:	145

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00001/002**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00001**

Name of the allotment : **SCHLESWIG-HOLSTEIN**

Name of the transmitter station : **BUNGSBERG**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E4332 54N1240**

Altitude of sight above mean sea level (m) : **155**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **120**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	1	10:	2	20:	2	30:	3	40:	4	50:	6	60:	9	70:	11	80:	12
90:	11	100:	11	110:	10	120:	10	130:	10	140:	10	150:	10	160:	11	170:	11
180:	12	190:	11	200:	9	210:	6	220:	4	230:	3	240:	2	250:	2	260:	1
270:	1	280:	1	290:	0	300:	0	310:	0	320:	0	330:	0	340:	1	350:	1

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	231	10:	235	20:	233	30:	236	40:	236	50:	232	60:	227	70:	224	80:	226
90:	225	100:	224	110:	221	120:	228	130:	231	140:	238	150:	244	160:	243	170:	225
180:	218	190:	217	200:	226	210:	229	220:	228	230:	220	240:	229	250:	229	260:	219
270:	219	280:	221	290:	218	300:	214	310:	221	320:	226	330:	234	340:	231	350:	233

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/003**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **ELMSHORN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E4105 53N4507**
 Altitude of sight above mean sea level (m) : **7**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **101**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	1	100:	1	110:	2	120:	2	130:	3	140:	3	150:	4	160:	5	170:	6
180:	7	190:	8	200:	8	210:	8	220:	8	230:	8	240:	8	250:	8	260:	7
270:	6	280:	5	290:	4	300:	3	310:	3	320:	2	330:	2	340:	1	350:	1

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	101	10:	102	20:	97	30:	92	40:	90	50:	92	60:	93	70:	91	80:	91
90:	93	100:	94	110:	96	120:	98	130:	97	140:	98	150:	99	160:	97	170:	98
180:	99	190:	100	200:	102	210:	104	220:	105	230:	106	240:	105	250:	104	260:	106
270:	107	280:	106	290:	106	300:	105	310:	103	320:	102	330:	102	340:	101	350:	101

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
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in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00001/004**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00001**

Name of the allotment : **SCHLESWIG-HOLSTEIN**

Name of the transmitter station : **FLENSBURG**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E3017 54N4734**

Altitude of sight above mean sea level (m) : **50**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **130**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	20	10:	14	20:	12	30:	10	40:	6	50:	4	60:	2	70:	1	80:	1
90:	2	100:	3	110:	3	120:	1	130:	1	140:	3	150:	3	160:	0	170:	0
180:	0	190:	3	200:	3	210:	1	220:	1	230:	3	240:	3	250:	2	260:	1
270:	1	280:	1	290:	2	300:	4	310:	6	320:	9	330:	12	340:	14	350:	14

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	155	10:	157	20:	172	30:	175	40:	171	50:	165	60:	166	70:	160	80:	155
90:	150	100:	138	110:	132	120:	135	130:	137	140:	140	150:	139	160:	138	170:	136
180:	137	190:	136	200:	139	210:	144	220:	143	230:	144	240:	144	250:	144	260:	145
270:	145	280:	145	290:	147	300:	150	310:	162	320:	149	330:	149	340:	145	350:	152

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/005**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **HEIDE**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E1458 54N1148**
 Altitude of sight above mean sea level (m) : **58**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **122**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	171	10:	171	20:	168	30:	171	40:	173	50:	173	60:	171	70:	165	80:	161
90:	166	100:	165	110:	163	120:	162	130:	156	140:	151	150:	154	160:	156	170:	159
180:	151	190:	146	200:	156	210:	160	220:	171	230:	172	240:	173	250:	172	260:	168
270:	167	280:	172	290:	174	300:	175	310:	175	320:	172	330:	172	340:	174	350:	174

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/006**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **HENSTEDT ULZBURG**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **010E0237 53N4850**
 Altitude of sight above mean sea level (m) : **84**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **23.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **70**
 Directivity : **D**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	1	130:	1	140:	1	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	122	10:	118	20:	119	30:	120	40:	123	50:	121	60:	121	70:	121	80:	118
90:	121	100:	123	110:	118	120:	121	130:	124	140:	125	150:	126	160:	126	170:	119
180:	118	190:	121	200:	122	210:	124	220:	123	230:	127	240:	129	250:	125	260:	125
270:	127	280:	125	290:	126	300:	127	310:	134	320:	133	330:	127	340:	125	350:	124

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00001/007**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00001**

Name of the allotment : **SCHLESWIG-HOLSTEIN**

Name of the transmitter station : **KIEL**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E0408 54N2004**

Altitude of sight above mean sea level (m) : **27**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **26.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **169**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	172	10:	173	20:	178	30:	182	40:	182	50:	189	60:	183	70:	181	80:	174
90:	175	100:	179	110:	175	120:	164	130:	167	140:	155	150:	158	160:	161	170:	158
180:	167	190:	173	200:	165	210:	169	220:	166	230:	172	240:	183	250:	177	260:	179
270:	181	280:	185	290:	181	300:	178	310:	178	320:	176	330:	177	340:	177	350:	175

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
ITU code for administration : **D__**
Identification code of the assignment : **00001/008**
Date of entry into operation : **. .**
Country in which the transmitter is situated : **D__**
T-DAB identifier : **00001**
Name of the allotment : **SCHLESWIG-HOLSTEIN**
Name of the transmitter station : **LUEBECK**
Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E3836 53N4531**
Altitude of sight above mean sea level (m) : **3**
Frequency block : **12D**
Nominal centre frequency (MHz) : **229.072**
Centre frequency offset (kHz) : **0**
Maximum ERP - horizontally (dBW) :
Maximum ERP - vertically (dBW) : **27.0**
Polarization : **V**
Height of transmitting antenna above ground level (m) : **140**
Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	2	10:	2	20:	3	30:	4	40:	6	50:	9	60:	11	70:	14	80:	18
90:	23	100:	25	110:	25	120:	25	130:	25	140:	25	150:	23	160:	18	170:	14
180:	11	190:	9	200:	6	210:	4	220:	3	230:	2	240:	2	250:	1	260:	1
270:	1	280:	0	290:	0	300:	0	310:	0	320:	0	330:	1	340:	1	350:	1

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	131	10:	134	20:	135	30:	132	40:	131	50:	130	60:	129	70:	119	80:	103
90:	104	100:	111	110:	110	120:	107	130:	107	140:	106	150:	104	160:	102	170:	106
180:	121	190:	118	200:	106	210:	101	220:	99	230:	94	240:	89	250:	85	260:	98
270:	104	280:	107	290:	114	300:	127	310:	122	320:	126	330:	128	340:	128	350:	131

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/009**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **MOELLN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **010E3234 53N3434**
 Altitude of sight above mean sea level (m) : **54**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **140**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	1	20:	1	30:	1	40:	2	50:	2	60:	3	70:	4	80:	6
90:	9	100:	11	110:	13	120:	15	130:	20	140:	20	150:	20	160:	20	170:	20
180:	20	190:	20	200:	16	210:	13	220:	11	230:	9	240:	6	250:	4	260:	3
270:	2	280:	2	290:	1	300:	1	310:	1	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	152	10:	149	20:	154	30:	159	40:	153	50:	159	60:	155	70:	154	80:	151
90:	153	100:	159	110:	162	120:	167	130:	167	140:	168	150:	170	160:	167	170:	160
180:	159	190:	151	200:	147	210:	150	220:	151	230:	151	240:	156	250:	152	260:	150
270:	155	280:	155	290:	150	300:	148	310:	139	320:	139	330:	144	340:	145	350:	145

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00001/010**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00001**

Name of the allotment : **SCHLESWIG-HOLSTEIN**

Name of the transmitter station : **NEUMUENSTER**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E5104 53N5853**

Altitude of sight above mean sea level (m) : **14**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **28.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **115**

Directivity : **D**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	1	130:	3	140:	3	150:	1	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	115	10:	113	20:	112	30:	111	40:	111	50:	110	60:	108	70:	105	80:	99
90:	101	100:	102	110:	105	120:	104	130:	106	140:	107	150:	109	160:	111	170:	107
180:	107	190:	108	200:	109	210:	118	220:	121	230:	122	240:	122	250:	120	260:	118
270:	114	280:	110	290:	104	300:	94	310:	94	320:	98	330:	102	340:	116	350:	115

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00001/011**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00001**
 Name of the allotment : **SCHLESWIG-HOLSTEIN**
 Name of the transmitter station : **SCHLESWIG**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E3149 54N3143**
 Altitude of sight above mean sea level (m) : **49**
 Frequency block : **12D**
 Nominal centre frequency (MHz) : **229.072**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **90**
 Directivity : **N**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	102	10:	99	20:	102	30:	106	40:	113	50:	114	60:	115	70:	114	80:	124
90:	131	100:	130	110:	126	120:	116	130:	116	140:	104	150:	117	160:	119	170:	122
180:	120	190:	120	200:	123	210:	123	220:	121	230:	124	240:	124	250:	127	260:	126
270:	125	280:	127	290:	125	300:	125	310:	122	320:	119	330:	116	340:	110	350:	107

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00001/012**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00001**

Name of the allotment : **SCHLESWIG-HOLSTEIN**

Name of the transmitter station : **SYLT**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **008E2816 54N5224**

Altitude of sight above mean sea level (m) : **5**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **25.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **80**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	85	10:	85	20:	85	30:	85	40:	85	50:	85	60:	85	70:	85	80:	84
90:	84	100:	85	110:	85	120:	85	130:	85	140:	85	150:	85	160:	85	170:	85
180:	85	190:	85	200:	85	210:	85	220:	85	230:	85	240:	84	250:	84	260:	84
270:	83	280:	83	290:	83	300:	82	310:	80	320:	83	330:	84	340:	85	350:	85

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--SH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00002/001**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00002**

Name of the allotment : **HAMBURG**

Name of the transmitter station : **HAMBURG**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E5838 53N3353**

Altitude of sight above mean sea level (m) : **24**

Frequency block : **12C**

Nominal centre frequency (MHz) : **227.360**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **238**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	246	10:	244	20:	242	30:	243	40:	241	50:	241	60:	242	70:	244	80:	244
90:	245	100:	247	110:	250	120:	259	130:	259	140:	259	150:	260	160:	259	170:	252
180:	245	190:	237	200:	234	210:	245	220:	250	230:	253	240:	253	250:	255	260:	254
270:	227	280:	234	290:	239	300:	245	310:	247	320:	247	330:	250	340:	248	350:	247

Spectrum mask : **0**

Date of submission : **13.02.2007**

Remarks : **D--HH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00002/002**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00002**

Name of the allotment : **HAMBURG**

Name of the transmitter station : **HAMBURG MOORFLEET**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E0614 53N3114**

Altitude of sight above mean sea level (m) : **4**

Frequency block : **12C**

Nominal centre frequency (MHz) : **227.360**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **185**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	167	10:	167	20:	162	30:	159	40:	153	50:	149	60:	153	70:	157	80:	158
90:	157	100:	153	110:	161	120:	186	130:	187	140:	186	150:	186	160:	187	170:	187
180:	186	190:	186	200:	185	210:	177	220:	175	230:	168	240:	170	250:	180	260:	180
270:	180	280:	181	290:	180	300:	179	310:	181	320:	182	330:	178	340:	174	350:	172

Spectrum mask : **0**

Date of submission : **13.02.2007**

Remarks : **D--HH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00002/003**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00002**

Name of the allotment : **HAMBURG**

Name of the transmitter station : **CUXHAVEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **008E4045 53N5126**

Altitude of sight above mean sea level (m) : **4**

Frequency block : **12C**

Nominal centre frequency (MHz) : **227.360**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **15.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **150**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	9	10:	10	20:	12	30:	13	40:	15	50:	15	60:	15	70:	15	80:	15
90:	15	100:	15	110:	15	120:	15	130:	15	140:	15	150:	15	160:	15	170:	13
180:	12	190:	10	200:	9	210:	7	220:	6	230:	5	240:	3	250:	2	260:	1
270:	0	280:	0	290:	0	300:	1	310:	2	320:	3	330:	5	340:	6	350:	6

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	154	10:	154	20:	154	30:	154	40:	154	50:	154	60:	154	70:	154	80:	154
90:	154	100:	154	110:	153	120:	152	130:	152	140:	152	150:	151	160:	151	170:	151
180:	145	190:	136	200:	141	210:	144	220:	146	230:	149	240:	150	250:	150	260:	151
270:	152	280:	152	290:	152	300:	153	310:	153	320:	153	330:	154	340:	154	350:	154

Spectrum mask : **0**

Date of submission : **13.02.2007**

Remarks : **D--HH; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/001**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **AURICH**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **007E3026 53N2747**
 Altitude of sight above mean sea level (m) : **6**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **230**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	5	10:	5	20:	5	30:	5	40:	5	50:	5	60:	5	70:	3	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	228	10:	228	20:	227	30:	227	40:	227	50:	227	60:	228	70:	227	80:	227
90:	227	100:	228	110:	230	120:	230	130:	232	140:	232	150:	233	160:	234	170:	235
180:	235	190:	235	200:	235	210:	235	220:	235	230:	235	240:	234	250:	234	260:	235
270:	234	280:	234	290:	234	300:	233	310:	233	320:	230	330:	230	340:	229	350:	228

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/002**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **BAD ROTHENFELDE**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **008E0746 52N0656**
 Altitude of sight above mean sea level (m) : **202**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **50**
 Directivity : **D**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	2	110:	4	120:	5	130:	7	140:	7	150:	7	160:	7	170:	7
180:	7	190:	7	200:	7	210:	7	220:	7	230:	7	240:	7	250:	5	260:	4
270:	2	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	117	10:	118	20:	122	30:	119	40:	122	50:	122	60:	124	70:	109	80:	109
90:	99	100:	121	110:	148	120:	162	130:	169	140:	173	150:	177	160:	179	170:	182
180:	183	190:	182	200:	183	210:	185	220:	185	230:	186	240:	185	250:	182	260:	181
270:	178	280:	175	290:	162	300:	115	310:	129	320:	90	330:	127	340:	118	350:	123

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/003**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **BERGEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E5429 52N5110**
 Altitude of sight above mean sea level (m) : **93**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **158**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	1	30:	2	40:	1	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	1	200:	2	210:	3	220:	5	230:	7	240:	9	250:	15	260:	20
270:	20	280:	20	290:	15	300:	9	310:	7	320:	5	330:	3	340:	2	350:	2

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	171	10:	176	20:	177	30:	179	40:	178	50:	179	60:	178	70:	177	80:	178
90:	183	100:	181	110:	182	120:	182	130:	182	140:	188	150:	186	160:	189	170:	190
180:	192	190:	195	200:	194	210:	192	220:	192	230:	190	240:	173	250:	172	260:	162
270:	173	280:	175	290:	172	300:	177	310:	176	320:	176	330:	176	340:	176	350:	169

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/004**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **BRAMSCHE ENGTER**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **008E0151 52N2234**

Altitude of sight above mean sea level (m) : **111**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **150**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	219	10:	218	20:	213	30:	213	40:	212	50:	210	60:	201	70:	187	80:	175
90:	180	100:	169	110:	153	120:	150	130:	161	140:	161	150:	172	160:	179	170:	179
180:	180	190:	177	200:	187	210:	187	220:	195	230:	194	240:	199	250:	202	260:	206
270:	207	280:	206	290:	202	300:	198	310:	187	320:	209	330:	215	340:	219	350:	220

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/005**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **BRAUNSCHWEIG DRACHEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E4702 52N1308**

Altitude of sight above mean sea level (m) : **297**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **150**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	5
90:	5	100:	5	110:	5	120:	5	130:	5	140:	5	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	339	10:	339	20:	335	30:	327	40:	324	50:	321	60:	322	70:	318	80:	313
90:	308	100:	306	110:	299	120:	263	130:	212	140:	240	150:	264	160:	270	170:	288
180:	299	190:	297	200:	294	210:	289	220:	281	230:	297	240:	314	250:	315	260:	308
270:	319	280:	315	290:	314	300:	320	310:	324	320:	322	330:	333	340:	332	350:	330

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/006**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **CUXHAVEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **008E4045 53N5126**

Altitude of sight above mean sea level (m) : **4**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **23.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **150**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	20	10:	20	20:	20	30:	20	40:	20	50:	18	60:	16	70:	13	80:	9
90:	6	100:	4	110:	2	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	1	240:	2	250:	4	260:	6
270:	9	280:	13	290:	16	300:	18	310:	20	320:	20	330:	20	340:	20	350:	20

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	154	10:	154	20:	154	30:	154	40:	154	50:	154	60:	154	70:	154	80:	154
90:	154	100:	154	110:	153	120:	152	130:	152	140:	152	150:	151	160:	151	170:	151
180:	145	190:	136	200:	141	210:	144	220:	146	230:	149	240:	150	250:	150	260:	151
270:	152	280:	152	290:	152	300:	153	310:	153	320:	153	330:	154	340:	154	350:	154

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/008**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **GOETTINGEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E5726 51N3503**

Altitude of sight above mean sea level (m) : **348**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **136**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	330	10:	322	20:	256	30:	276	40:	269	50:	271	60:	270	70:	255	80:	240
90:	220	100:	224	110:	224	120:	210	130:	182	140:	182	150:	199	160:	215	170:	233
180:	281	190:	323	200:	321	210:	311	220:	282	230:	252	240:	239	250:	247	260:	255
270:	292	280:	267	290:	265	300:	264	310:	298	320:	295	330:	322	340:	323	350:	324

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/009**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **HANN MUENDEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E3956 51N2440**

Altitude of sight above mean sea level (m) : **240**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **24.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **30**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	4	110:	8	120:	12	130:	16	140:	16	150:	16	160:	16	170:	16
180:	16	190:	16	200:	16	210:	16	220:	16	230:	16	240:	16	250:	16	260:	12
270:	8	280:	4	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	-7	10:	-14	20:	15	30:	2	40:	-49	50:	-48	60:	-34	70:	-5	80:	-5
90:	-27	100:	27	110:	72	120:	100	130:	6	140:	-51	150:	-198	160:	-167	170:	-133
180:	-73	190:	-28	200:	-17	210:	0	220:	31	230:	44	240:	54	250:	53	260:	63
270:	6	280:	-18	290:	-52	300:	-89	310:	-62	320:	-53	330:	67	340:	106	350:	-4

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/010**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **HANNOVER**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E4803 52N2340**

Altitude of sight above mean sea level (m) : **56**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **24.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **240**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	247	10:	244	20:	239	30:	237	40:	238	50:	238	60:	238	70:	239	80:	237
90:	238	100:	237	110:	235	120:	232	130:	231	140:	226	150:	224	160:	223	170:	228
180:	233	190:	236	200:	237	210:	238	220:	239	230:	235	240:	232	250:	234	260:	236
270:	246	280:	246	290:	244	300:	244	310:	245	320:	246	330:	247	340:	247	350:	249

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/011**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **HANNOVER HEMMINGEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E4416 52N1945**
 Altitude of sight above mean sea level (m) : **53**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **105**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	106	10:	106	20:	103	30:	103	40:	101	50:	98	60:	97	70:	93	80:	88
90:	87	100:	85	110:	85	120:	85	130:	90	140:	94	150:	92	160:	91	170:	86
180:	84	190:	80	200:	80	210:	65	220:	52	230:	67	240:	80	250:	81	260:	88
270:	96	280:	87	290:	93	300:	98	310:	100	320:	102	330:	102	340:	104	350:	105

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/012**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **HARZ**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **010E3201 51N4810**
 Altitude of sight above mean sea level (m) : **814**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **28.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **244**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	1	50:	2	60:	4	70:	6	80:	9
90:	14	100:	20	110:	20	120:	20	130:	14	140:	12	150:	10	160:	6	170:	4
180:	2	190:	1	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	693	10:	720	20:	683	30:	611	40:	642	50:	611	60:	606	70:	521	80:	438
90:	337	100:	255	110:	315	120:	387	130:	359	140:	396	150:	384	160:	385	170:	486
180:	403	190:	431	200:	451	210:	461	220:	381	230:	288	240:	467	250:	476	260:	476
270:	505	280:	510	290:	527	300:	503	310:	553	320:	557	330:	592	340:	610	350:	644

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/013**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **HOLZMINDEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E2350 51N5026**
 Altitude of sight above mean sea level (m) : **210**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **28**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	9	10:	6	20:	4	30:	2	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	2	170:	4
180:	6	190:	9	200:	12	210:	15	220:	17	230:	20	240:	20	250:	20	260:	20
270:	20	280:	20	290:	20	300:	20	310:	20	320:	20	330:	17	340:	15	350:	15

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	10	10:	50	20:	68	30:	88	40:	15	50:	13	60:	61	70:	74	80:	65
90:	1	100:	-31	110:	-60	120:	-73	130:	-74	140:	-34	150:	-39	160:	-21	170:	47
180:	114	190:	89	200:	41	210:	0	220:	7	230:	-1	240:	-5	250:	-13	260:	-2
270:	-18	280:	2	290:	-63	300:	-45	310:	30	320:	16	330:	-14	340:	-18	350:	-3

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/014**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **LINGEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **007E2114 52N3211**
 Altitude of sight above mean sea level (m) : **25**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **230**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	237	10:	236	20:	235	30:	233	40:	233	50:	232	60:	231	70:	227	80:	224
90:	216	100:	205	110:	210	120:	215	130:	217	140:	217	150:	216	160:	217	170:	220
180:	218	190:	222	200:	224	210:	227	220:	230	230:	229	240:	229	250:	229	260:	231
270:	232	280:	233	290:	233	300:	235	310:	236	320:	236	330:	236	340:	235	350:	237

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/017**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **ROSENGARTEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E5201 53N2356**
 Altitude of sight above mean sea level (m) : **140**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **100**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	12	10:	12	20:	12	30:	12	40:	12	50:	12	60:	12	70:	12	80:	12
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	213	10:	206	20:	197	30:	197	40:	196	50:	201	60:	203	70:	211	80:	208
90:	211	100:	203	110:	199	120:	189	130:	182	140:	183	150:	180	160:	184	170:	178
180:	175	190:	154	200:	168	210:	173	220:	173	230:	177	240:	183	250:	189	260:	195
270:	195	280:	200	290:	197	300:	195	310:	205	320:	207	330:	208	340:	205	350:	207

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/018**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **SCHIFFDORF**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **008E3901 53N3121**
 Altitude of sight above mean sea level (m) : **9**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **114**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	117	10:	116	20:	118	30:	117	40:	116	50:	116	60:	118	70:	118	80:	118
90:	118	100:	116	110:	115	120:	113	130:	114	140:	115	150:	118	160:	118	170:	119
180:	120	190:	120	200:	121	210:	121	220:	121	230:	121	240:	121	250:	121	260:	122
270:	121	280:	121	290:	122	300:	122	310:	122	320:	121	330:	120	340:	118	350:	117

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/019**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **SIBBESSE**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E5743 52N0346**
 Altitude of sight above mean sea level (m) : **339**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **107**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	347	10:	337	20:	331	30:	324	40:	320	50:	309	60:	315	70:	325	80:	298
90:	287	100:	278	110:	302	120:	315	130:	295	140:	255	150:	263	160:	246	170:	253
180:	247	190:	232	200:	234	210:	239	220:	259	230:	250	240:	242	250:	234	260:	264
270:	312	280:	312	290:	297	300:	274	310:	273	320:	295	330:	312	340:	316	350:	347

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/020**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **STADTHAGEN**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E1208 52N1538**
 Altitude of sight above mean sea level (m) : **349**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **65**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	3	210:	4	220:	4	230:	3	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	337	10:	336	20:	331	30:	320	40:	284	50:	276	60:	267	70:	246	80:	238
90:	271	100:	270	110:	226	120:	155	130:	165	140:	229	150:	271	160:	293	170:	301
180:	283	190:	257	200:	266	210:	305	220:	315	230:	303	240:	276	250:	269	260:	262
270:	312	280:	325	290:	329	300:	330	310:	334	320:	337	330:	339	340:	336	350:	340

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/021**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **STEINKIMMEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **008E2730 53N0242**

Altitude of sight above mean sea level (m) : **25**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **300**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	317	10:	317	20:	318	30:	317	40:	314	50:	311	60:	310	70:	308	80:	310
90:	308	100:	309	110:	306	120:	302	130:	297	140:	293	150:	289	160:	288	170:	289
180:	290	190:	288	200:	291	210:	293	220:	297	230:	297	240:	296	250:	300	260:	305
270:	308	280:	310	290:	312	300:	314	310:	313	320:	315	330:	315	340:	316	350:	317

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/022**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **UELZEN BOKEL**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E3201 52N4741**

Altitude of sight above mean sea level (m) : **123**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **120**

Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	178	10:	181	20:	175	30:	161	40:	160	50:	164	60:	173	70:	174	80:	170
90:	169	100:	166	110:	166	120:	162	130:	161	140:	159	150:	150	160:	144	170:	145
180:	144	190:	145	200:	147	210:	149	220:	148	230:	151	240:	150	250:	149	260:	143
270:	138	280:	131	290:	128	300:	129	310:	136	320:	148	330:	154	340:	155	350:	169

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/023**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **VISSELHOEVEDE**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **009E3630 52N5845**

Altitude of sight above mean sea level (m) : **72**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **143**

Directivity : **N**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	172	10:	170	20:	162	30:	158	40:	148	50:	135	60:	134	70:	139	80:	141
90:	143	100:	143	110:	148	120:	149	130:	150	140:	150	150:	153	160:	157	170:	160
180:	158	190:	155	200:	152	210:	149	220:	155	230:	167	240:	168	250:	164	260:	162
270:	159	280:	160	290:	165	300:	172	310:	178	320:	179	330:	179	340:	178	350:	176

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00003/024**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00003**

Name of the allotment : **NIEDERSACHSEN**

Name of the transmitter station : **DANNENBERG**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **010E5355 53N0401**

Altitude of sight above mean sea level (m) : **94**

Frequency block : **12A**

Nominal centre frequency (MHz) : **223.936**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **140**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	2	10:	3	20:	2	30:	1	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	152	10:	157	20:	168	30:	182	40:	175	50:	177	60:	188	70:	195	80:	192
90:	191	100:	197	110:	199	120:	194	130:	190	140:	180	150:	181	160:	170	170:	153
180:	139	190:	150	200:	153	210:	157	220:	161	230:	165	240:	168	250:	171	260:	164
270:	167	280:	168	290:	163	300:	157	310:	159	320:	162	330:	158	340:	160	350:	164

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/025**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **HILDESHEIM**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **009E5353 52N0706**
 Altitude of sight above mean sea level (m) : **169**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **51**
 Directivity : **N**

Antenna atenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna atenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	122	10:	133	20:	135	30:	136	40:	132	50:	130	60:	121	70:	109	80:	80
90:	98	100:	120	110:	82	120:	71	130:	43	140:	37	150:	39	160:	50	170:	20
180:	-14	190:	5	200:	14	210:	27	220:	76	230:	91	240:	99	250:	100	260:	106
270:	98	280:	84	290:	92	300:	99	310:	122	320:	135	330:	141	340:	143	350:	132

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/026**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **LUENEBURG**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **010E3035 53N1518**
 Altitude of sight above mean sea level (m) : **77**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **27.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **98**
 Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	3	10:	4	20:	5	30:	5	40:	5	50:	5	60:	5	70:	5	80:	3
90:	2	100:	1	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	1	350:	1

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	164	10:	162	20:	168	30:	166	40:	164	50:	162	60:	159	70:	154	80:	149
90:	126	100:	133	110:	133	120:	125	130:	115	140:	109	150:	111	160:	115	170:	130
180:	134	190:	131	200:	135	210:	133	220:	139	230:	135	240:	137	250:	139	260:	141
270:	136	280:	147	290:	161	300:	162	310:	162	320:	163	330:	163	340:	163	350:	164

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**
 ITU code for administration : **D__**
 Identification code of the assignment : **00003/027**
 Date of entry into operation : **. .**
 Country in which the transmitter is situated : **D__**
 T-DAB identifier : **00003**
 Name of the allotment : **NIEDERSACHSEN**
 Name of the transmitter station : **WESENDORF**
 Geographical co-ordinates of the transmitter
 (longitude and latitude; in deg., min. and sec.) : **010E2813 52N3401**
 Altitude of sight above mean sea level (m) : **62**
 Frequency block : **12A**
 Nominal centre frequency (MHz) : **223.936**
 Centre frequency offset (kHz) : **0**
 Maximum ERP - horizontally (dBW) :
 Maximum ERP - vertically (dBW) : **30.0**
 Polarization : **V**
 Height of transmitting antenna above ground level (m) : **120**
 Directivity : **N**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	107	10:	106	20:	108	30:	110	40:	116	50:	119	60:	120	70:	121	80:	120
90:	121	100:	122	110:	122	120:	123	130:	125	140:	123	150:	121	160:	123	170:	125
180:	127	190:	127	200:	127	210:	129	220:	131	230:	132	240:	133	250:	134	260:	134
270:	135	280:	134	290:	130	300:	125	310:	123	320:	118	330:	116	340:	113	350:	110

Spectrum mask : **0**

Date of submission : **13.02.2007**

Remarks : **D--NI; -----; 21-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/001**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **ROSTOCK**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **012E0448 54N0418**

Altitude of sight above mean sea level (m) : **45**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **127**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	1	10:	2	20:	11	30:	13	40:	14	50:	20	60:	20	70:	20	80:	20
90:	20	100:	20	110:	5	120:	3	130:	2	140:	1	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	2	280:	3	290:	0	300:	0	310:	4	320:	3	330:	1	340:	1	350:	1

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	169	10:	170	20:	169	30:	168	40:	163	50:	160	60:	155	70:	149	80:	142
90:	137	100:	149	110:	141	120:	141	130:	140	140:	141	150:	151	160:	153	170:	150
180:	143	190:	144	200:	148	210:	147	220:	144	230:	140	240:	128	250:	116	260:	107
270:	114	280:	139	290:	157	300:	164	310:	163	320:	161	330:	162	340:	163	350:	167

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/002**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **SCHWERIN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **011E2733 53N3539**

Altitude of sight above mean sea level (m) : **71**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **167**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	1	10:	2	20:	5	30:	4	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	201	10:	195	20:	184	30:	187	40:	198	50:	194	60:	199	70:	197	80:	195
90:	185	100:	184	110:	188	120:	191	130:	193	140:	200	150:	200	160:	192	170:	188
180:	187	190:	188	200:	188	210:	189	220:	189	230:	189	240:	189	250:	193	260:	191
270:	191	280:	189	290:	186	300:	184	310:	181	320:	186	330:	190	340:	193	350:	193

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/003**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **MARLOW**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **012E3403 54N0943**

Altitude of sight above mean sea level (m) : **35**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **25.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **130**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	8	10:	13	20:	13	30:	8	40:	3	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	1	290:	1	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	154	10:	152	20:	148	30:	145	40:	143	50:	142	60:	139	70:	139	80:	137
90:	142	100:	142	110:	150	120:	164	130:	163	140:	152	150:	144	160:	145	170:	136
180:	132	190:	135	200:	131	210:	126	220:	125	230:	123	240:	120	250:	117	260:	118
270:	128	280:	138	290:	145	300:	149	310:	150	320:	153	330:	154	340:	152	350:	156

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/004**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **ROEBEL**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **012E2757 53N2350**

Altitude of sight above mean sea level (m) : **106**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **30.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **142**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	1	10:	3	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	1	150:	2	160:	3	170:	5
180:	7	190:	7	200:	5	210:	2	220:	1	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	177	10:	175	20:	174	30:	174	40:	173	50:	175	60:	180	70:	181	80:	179
90:	178	100:	177	110:	175	120:	172	130:	168	140:	173	150:	175	160:	177	170:	172
180:	172	190:	172	200:	172	210:	167	220:	160	230:	157	240:	155	250:	150	260:	154
270:	161	280:	162	290:	164	300:	165	310:	166	320:	166	330:	168	340:	168	350:	177

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/005**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **GREVESMUEHLEN**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **011E1403 53N5220**

Altitude of sight above mean sea level (m) : **81**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **25.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **35**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	1	10:	1	20:	3	30:	6	40:	6	50:	5	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	2	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	96	10:	107	20:	107	30:	106	40:	98	50:	96	60:	86	70:	74	80:	74
90:	73	100:	61	110:	60	120:	60	130:	63	140:	67	150:	67	160:	62	170:	67
180:	70	190:	67	200:	64	210:	68	220:	73	230:	85	240:	92	250:	93	260:	89
270:	91	280:	86	290:	81	300:	77	310:	74	320:	80	330:	93	340:	96	350:	101

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **ADD**

ITU code for administration : **D__**

Identification code of the assignment : **00011/006**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00011**

Name of the allotment : **MECKLENBURG-V. WEST**

Name of the transmitter station : **GUESTROW**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **012E1028 53N4927**

Altitude of sight above mean sea level (m) : **12**

Frequency block : **12B**

Nominal centre frequency (MHz) : **225.648**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **27.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **85**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	7	20:	7	30:	5	40:	5	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	72	10:	67	20:	62	30:	60	40:	67	50:	79	60:	74	70:	66	80:	54
90:	55	100:	70	110:	76	120:	75	130:	69	140:	74	150:	81	160:	71	170:	59
180:	69	190:	59	200:	67	210:	61	220:	67	230:	78	240:	78	250:	85	260:	90
270:	94	280:	87	290:	80	300:	76	310:	76	320:	72	330:	73	340:	73	350:	72

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--MV; -W---; 23-04**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Wiesbaden Special Arrangement, as revised in Maastricht 2002

Procedure : **MOD**

ITU code for administration : **D__**

Identification code of the assignment : **00012/000**

Date of entry into operation : **. .**

Country in which the transmitter is situated : **D__**

T-DAB identifier : **00012**

Name of the allotment : **BRANDENBURG WEST**

Name of the transmitter station : **LAUCHHAMMER**

Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.) : **013E4404 51N2813**

Altitude of sight above mean sea level (m) : **92**

Frequency block : **12D**

Nominal centre frequency (MHz) : **229.072**

Centre frequency offset (kHz) : **0**

Maximum ERP - horizontally (dBW) :

Maximum ERP - vertically (dBW) : **28.0**

Polarization : **V**

Height of transmitting antenna above ground level (m) : **54**

Directivity : **D**

Antenna attenuation (dB) for the horizontally polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North:

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	0	140:	0	150:	0	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Antenna attenuation (dB) for the vertically polarised component referred to the ERP maximum
for each step of 10 degrees clockwise starting from North :

0:	0	10:	0	20:	0	30:	0	40:	0	50:	0	60:	0	70:	0	80:	0
90:	0	100:	0	110:	0	120:	0	130:	1	140:	2	150:	1	160:	0	170:	0
180:	0	190:	0	200:	0	210:	0	220:	0	230:	0	240:	0	250:	0	260:	0
270:	0	280:	0	290:	0	300:	0	310:	0	320:	0	330:	0	340:	0	350:	0

Effective antenna height (m) for each step of 10 degrees clockwise starting from North :

0:	41	10:	41	20:	29	30:	7	40:	33	50:	45	60:	50	70:	45	80:	47
90:	49	100:	48	110:	45	120:	41	130:	40	140:	38	150:	37	160:	38	170:	34
180:	27	190:	24	200:	34	210:	37	220:	43	230:	38	240:	51	250:	54	260:	55
270:	51	280:	32	290:	41	300:	48	310:	50	320:	48	330:	46	340:	45	350:	42

Spectrum mask : **0**

Date of submission : **12.02.2007**

Remarks : **D--BB; -----; 21-04**