

Bescheid

I. Spruch

- 1) Der **Österreichischen Rundfunksender GmbH & Co KG** (FN 256454p, HG Wien), Würzburggasse 30, 1136 Wien, werden gemäß § 12 und § 25 Abs. 3 Privatfernsehgesetz (PrTV-G), BGBl. I Nr. 84/2001 idF BGBl. I Nr. 52/2007, in Verbindung mit § 54 Abs. 3 Z 1 Telekommunikationsgesetz 2003 (TKG 2003), BGBl. I Nr. 70/2003 idF BGBl. I Nr. 133/2005, die nachstehend angeführten Übertragungskapazitäten, die durch die diesem Bescheid beigelegten technischen Anlageblätter beschrieben sind, zur Verbreitung von Rundfunk (Programme und Zusatzdienste über die Multiplex-Plattform MUX A gemäß dem Bescheid der KommAustria vom 23.02.2006, KOA 4.200/06-002) zugeordnet:

- 01O101. Übertragungskapazität
 - a. „AMEISBERG Kanal 38“ (Beilage 01O101a)
- 01O102. Übertragungskapazität
 - a. „ENGELHARTSZELL Kanal 38“ (Beilage 01O102a)
- 01S101. Übertragungskapazität
 - a. „LOFER Kanal 38“ (Beilage 01S101a)
- 01S102. Übertragungskapazität
 - a. „UNKEN Kanal 38“ (Beilage 01S102a)
- 01T201. Übertragungskapazität
 - a. „TANNHEIM Kanal 38“ (Beilage 01T201a)

- 01ST100. Übertragungskapazität „SFN Steiermark Ost Kanal 26“, gebildet aus
- a. „GRAZ 1 (Schöckl) Kanal 26“ (Beilage 01ST100a zum Bescheid KOA 4.200/07-040 vom 20.12.2007)
 - b. „GRAZ 9 (Griesplatz) Kanal 26“ (Beilage 01ST100b zum Bescheid KOA 4.200/07-040 vom 20.12.2007)
 - c. „KOEFLACH (Gößnitzberg) Kanal 26“ (Beilage 01ST100c zum Bescheid KOA 4.200/07-040 vom 20.12.2007)
 - d. „BAD GLEICHENBERG (Stradner Kogel) Kanal 26“ (Beilage 01ST100d zum Bescheid KOA 4.200/08-006 vom 28.03.2008)
 - e. „DEUTSCHLANDSBERG (Demmerkogel) Kanal 26“ (Beilage 01ST100e zum Bescheid KOA 4.200/08-006 vom 28.03.2008)
 - f. „KLOECH Kanal 26“ (Beilage 01ST100f)
- 01O100. Übertragungskapazität „SFN OÖ Nord Kanal 43“, gebildet aus
- a. „LINZ 1 (Lichtenberg) Kanal 43“ (Beilage 01O100a zum Bescheid KOA 4.200/07-009 vom 01.06.2007)
 - b. „LINZ 2 (Freinberg) Kanal 43“ (Beilage 01O100b zum Bescheid KOA 4.200/07-009 vom 01.06.2007)
 - c. „Waidhofen YBBS 1 (Sonntagberg) Kanal 43“ (Beilage 01O100c zum Bescheid KOA 4.200/07-009 vom 01.06.2007)
 - d. „SCHAERDING (Schardenberg) Kanal 43“ (Beilage 01O100d zum Bescheid KOA 4.200/08-006 vom 28.03.2008)
 - e. „STEYR (Tröschberg) Kanal 43“ (Beilage 01O100e zum Bescheid KOA 4.200/08-006 vom 28.03.2008)
 - f. „OBERKAPPL Kanal 43“ (Beilage 01O100f)

Die technischen Anlageblätter in den Beilagen bilden einen Bestandteil des Spruchs dieses Bescheides.

- 2) Der **Österreichischen Rundfunksender GmbH & Co KG** wird gemäß § 74 Abs. 1 iVm § 81 Abs. 2 TKG 2003 iVm § 25 Abs. 3 PrTV-G die Bewilligung zur Errichtung und zum Betrieb der nachstehend angeführten Funkanlagen, die durch die diesem Bescheid beigelegten technischen Anlageblätter beschrieben sind, zur Verbreitung von Rundfunk (Programme und Zusatzdienste über die Multiplex-Plattform MUX A gemäß dem Bescheid der KommAustria vom 23.02.2006, KOA 4.200/06-002) erteilt:

- 01O101. a. „AMEISBERG Kanal 38“ (Beilage 01O101a)
- 01O102. a. „ENGELHARTSZELL Kanal 38“ (Beilage 01O102a)
- 01S101. a. „LOFER Kanal 38“ (Beilage 01S101a)
- 01S102. a. „UNKEN Kanal 38“ (Beilage 01S102a)
- 01T201. a. „TANNHEIM Kanal 38“ (Beilage 01T201a)
- 01ST100. f. „KLOECH Kanal 26“ (Beilage 01ST100f)
- 01O100. f. „OBERKAPPL Kanal 43“ (Beilage 01O100f)

Die technischen Anlageblätter in den Beilagen bilden einen Bestandteil des Spruchs dieses Bescheides.

- 3) Die Bewilligungen gemäß Spruchpunkten 1) und 2) sind gemäß § 25 Abs. 3 PrTV-G in Verbindung mit § 25 Abs. 2 Z 9 PrTV-G, § 54 Abs. 11 und § 81 Abs. 5 TKG 2003 auf die Dauer vom 04.02.2008 bis zum 01.08.2009 befristet.
- 4a) Die Bewilligungen gemäß Spruchpunkt 2) 01O101. a. (AMEISBERG), 01O102. a. (ENGELHARTSZELL), 01T201. a. (TANNHEIM), 01S101. a. (LOFER) und 01S102. a. (UNKEN) gelten gemäß § 81 Abs. 6 TKG 2003 mit der Auflage, dass sie nur zu Versuchszwecken ausgeübt werden darf und jederzeit widerrufen werden können.
- 4b) Gemäß § 81 Abs. 6 TKG 2003 wird die Auflage erteilt, dass der Bewilligungsinhaber für den Fall von auftretenden Störungen, welche durch die Inbetriebnahme der Funkanlagen gemäß Spruchpunkt 2) 01O101. a. (AMEISBERG), 01O102. a. (ENGELHARTSZELL), 01T201. a. (TANNHEIM), 01S101. a. (LOFER) und 01S102. a. (UNKEN) verursacht werden, geeignete Maßnahmen zu ergreifen hat, um diese Störungen umgehend zu beseitigen.

II. Begründung

Rechtlicher Rahmen

Der Österreichischen Rundfunksender GmbH & Co KG (ORS) wurde mit Bescheid der KommAustria vom 23.02.2006, KOA 4.200/06-002 die Zulassung zu Errichtung und Betrieb einer terrestrischen Multiplex-Plattform zur Versorgung des Gebietes der Republik Österreich mit zwei Bedeckungen („MUX A“ und „MUX B“), im Folgenden: „Multiplex-Zulassung“, erteilt.

Nach § 12 PrTV-G hat die Zuordnung der drahtlosen Übertragungskapazitäten nach Frequenz und Standort an Multiplex-Betreiber unter Berücksichtigung der topografischen Verhältnisse, der technischen Gegebenheiten und der internationalen fernmelderechtlichen Verpflichtungen Österreichs nach Maßgabe und in der Reihenfolge näher genannter Kriterien zu erfolgen.

Gemäß § 25 Abs. 3 PrTV-G werden fernmelderechtliche Bewilligungen (im Wesentlichen Frequenzuteilungen nach § 54 TKG 2003 und Funkanlagenbewilligungen nach § 74 TKG 2003) dem Multiplex-Betreiber zeitgleich mit der Multiplex-Plattform oder nach Maßgabe der technischen Planungsarbeiten zu einem späteren Zeitpunkt erteilt.

Antrag der ORS, Frequenzzurücklegung durch ORF

Am 30.04.2008 langte ein Antrag der Österreichischen Rundfunksender GmbH & Co KG vom 25.04.2008 auf Bewilligung der Errichtung und des Betriebs der in Spruchpunkt 2 genannten Funkanlagen, und auf Zuordnung der entsprechenden Übertragungskapazitäten zur Verbreitung von DVB-T über die erste Bedeckung der terrestrischen Multiplex-Plattform (MUX A) ein.

Im Hinblick auf Spruchpunkt 4.1.4 und 4.1.5 des Zulassungsbescheides KOA 4.200/06-002 forderte die KommAustria mit Schreiben vom 05.05.2008 ergänzende Begründungen hinsichtlich der Anträge vom 30.04.2008 nach; diese wurden von der ORS am 15.05.2008 übermittelt.

Frequenzzuordnung (Spruchpunkt 1) und Funkanlagenbewilligung (Spruchpunkt 2)

Die beantragten Frequenzen stehen auf die bewilligte Dauer (siehe dazu Spruchpunkt 3) zur Verfügung.

Die jeweils beantragte abgestrahlte Leistung überschreitet die koordinierten Werte nach GE06 Plan an keiner Stelle (zu den Übertragungskapazitäten AMEISBERG Kanal 38, ENGELHARTSZELL Kanal 38, TANNHEIM Kanal 38, LOFER Kanal 38 und UNKEN Kanal 38 siehe Begründung zu Spruchpunkten 4a und 4b).

Die beantragten Funkanlagen AMEISBERG Kanal 38 und ENGELHARTSZELL Kanal 38 liegen im Allotment-Gebiet „OÖ Nord“, in dem für MUX A bereits der Kanal 43 zugeordnet wurde.

Die beantragten Funkanlagen UNKEN Kanal 38 und LOFER Kanal 38 liegen im Allotment-Gebiet „Salzburg“, in dem für MUX A bereits der Kanal 32 zugeordnet wurde.

Die beantragte Funkanlage TANNHEIM Kanal 38 liegt im Allotment-Gebiet „Tirol West“, in dem für MUX A bereits der Kanal 49 zugeordnet wurde.

Gemäß den Auflagen in den Spruchpunkten 4.1.4 und 4.1.5 des Multiplex-Zulassungsbescheides KOA 4.200/06-002 sind *„bei der Planung des Sendernetzes frequenzökonomische Prinzipien, insbesondere durch den Einsatz von Gleichwellennetzen, unter Berücksichtigung der wirtschaftlichen Tragfähigkeit weitestgehend zu beachten“* und ist *„der Umfang der Zuordnung von Übertragungskapazitäten [...] auf jenes Ausmaß begrenzt, das zur Versorgung des Bundesgebietes mit zwei Bedeckungen ohne vermeidbare Doppel- und Mehrfachversorgung der jeweiligen Bedeckung erforderlich ist.“*

In der Begründung zu Spruchpunkt 4.1.4. wird ausgeführt, dass der durchgehende Einsatz von SFNs in den jeweiligen Allotmentgebieten eine vergleichsweise kostenintensive Netzvariante darstellt. Die wirtschaftliche Tragfähigkeit sei bei der Planung des Sendernetzes jedoch auch zu beachten. Daraus ergibt sich, dass es in Einzelfällen möglich sein soll, aus Wirtschaftlichkeitsgründen auch innerhalb eines Allotments zusätzliche Frequenzen einzusetzen, solange dies nicht zu einer vermeidbaren Doppel- oder Mehrfachversorgung führt (Spruchpunkt 4.1.5) und – im Regelfall – auch nicht zusätzliche Layer aus dem Frequenzplan GE06 herangezogen werden (vgl. Begründung S. 40).

Die technische Überprüfung hat die Angaben der ORS, nach der ein Einsatz eines „on channel Repeaters“ auf den bereits zugeordneten Zielkanälen technisch nicht möglich ist und der Einsatz einer Richtfunkstrecke nur mit einem hohen technischen und finanziellen Aufwand möglich wäre, bestätigt.

Aus frequenzplanerischer Sicht kann daher dem begrenzten Einsatz des K38 für diese Zwecke zugestimmt werden, zumal dieser Kanal zusätzlich zu den Einträgen im GE06 Plan eingesetzt werden kann.

Da ansonsten kein Grund für eine Ablehnung der beantragten Bewilligungen vorlag, waren sie spruchgemäß unter den in den Spruchpunkten 4a bis 4b verfügbaren Bedingungen und Auflagen zu erteilen.

Die bewilligte Funkanlage „KLOECH Kanal 26“ bildet gemeinsam mit den bereits bewilligten Funkanlagen

- „GRAZ 1 (Schöckl) Kanal 26“ (Beilage 01ST100a zum Bescheid KOA 4.200/07-040 vom 20.12.2007),
- „GRAZ 9 (Griesplatz) Kanal 26“ (Beilage 01ST100b zum Bescheid KOA 4.200/07-040 vom 20.12.2007),
- „KOEFLACH (Gößnitzberg) Kanal 26“ (Beilage 01ST100c zum Bescheid KOA 4.200/07-040 vom 20.12.2007),
- „BAD GLEICHENBERG (Stradner Kogel) Kanal 26“ (Beilage 01ST100d zum Bescheid KOA 4.200/08-006 vom 28.03.2008) und
- „DEUTSCHLANDSBERG (Demmerkogel) Kanal 26“ (Beilage 01ST100e zum Bescheid KOA 4.200/08-006 vom 28.03.2008)

die Übertragungskapazität „SFN Steiermark Ost Kanal 26“. Die erweiterte Übertragungskapazität war daher unter Bezugnahme auf die bereits erteilten Bewilligungen neu festzulegen. (Spruchpunkt 1. 01ST100.).

Die bewilligte Funkanlage „OBERKAPPL Kanal 43“ bildet gemeinsam mit den bereits bewilligten Funkanlagen

- „LINZ 1 (Lichtenberg) Kanal 43“ (Beilage 01O100a zum Bescheid KOA 4.200/07-009 vom 01.06.2007),
- „LINZ 2 (Freinberg) Kanal 43“ (Beilage 01O100b zum Bescheid KOA 4.200/07-009 vom 01.06.2007),
- „Waidhofen YBBS 1 (Sonntagberg) Kanal 43“ (Beilage 01O100c zum Bescheid KOA 4.200/07-009 vom 01.06.2007),
- „SCHAERDING (Scharfenberg) Kanal 43“ (Beilage 01O100d zum Bescheid KOA 4.200/08-006 vom 28.03.2008) und
- „STEYR (Tröschberg) Kanal 43“ (Beilage 01O100e zum Bescheid KOA 4.200/08-006 vom 28.03.2008)

die Übertragungskapazität „SFN OÖ Nord Kanal 43“. Die erweiterte Übertragungskapazität war daher unter Bezugnahme auf die bereits erteilten Bewilligungen neu festzulegen. (Spruchpunkt 1. 01O100.).

Die Anträge sind daher mit den genannten Einschränkungen fernmeldetechnisch realisierbar.

Befristung (Spruchpunkt 3)

Gemäß § 25 Abs. 3 PrTV-G sind fernmelderechtliche Bewilligungen längstens auf Dauer der Multiplex-Zulassung zu befristen. § 54 Abs. 11 und § 81 Abs. 5 TKG 2003 sehen ebenfalls vor, dass Frequenzzuordnungen bzw. Funkanlagenbewilligungen zu befristen sind.

Die im Bescheid der KommAustria vom 23.02.2006, KOA 4.200/06-002, festgelegten technischen Parameter entsprechen dem derzeitigen Stand der Technik, welcher, wie bereits im oben zitierten Bescheid der KommAustria ausgeführt wurde, möglichen Änderungen unterworfen ist. Aus diesem Grund wurde die Festlegung der technischen Parameter im Punkt 4.2.6. des Bescheides der KommAustria vom 23.02.2006, KOA 4.200/06-002, auf die Dauer von drei Jahren, nämlich bis 01.08.2009, befristet. Da sich mögliche Änderungen der technischen Parameter auch auf die technischen Parameter der Übertragungskapazität auswirken, war die zeitlich begrenzte Zuordnung der bescheidgegenständlichen Übertragungskapazitäten bis 01.08.2009 geboten.

Über eine Verlängerung der Zuteilung der Übertragungskapazitäten wird die Behörde gleichzeitig mit der Festlegung der ab 01.08.2009 geltenden technischen Parameter absprechen.

Bedingungen (Spruchpunkte 4a und 4b)

Hinsichtlich der Funkanlagen Übertragungskapazitäten AMEISBERG Kanal 38, ENGELHARTSZELL Kanal 38, TANNHEIM Kanal 38, LOFER Kanal 38 und UNKEN Kanal 38 verursachen die beantragten technischen Parameter eine Überschreitung der nach GE06 Plan zulässigen Grenzwerte für die Störfeldstärke. Im Hinblick darauf, dass die beantragten technischen Parameter nicht entsprechend international koordiniert sind, hat die Behörde von der Möglichkeit zur Erteilung von Auflagen Gebrauch gemacht

Es war daher spruchgemäß zu entscheiden.

III. Rechtsmittelbelehrung

Gegen diesen Bescheid steht der Partei dieses Verfahrens das Rechtsmittel der Berufung offen. Die Berufung ist binnen zwei Wochen nach Zustellung dieses Bescheides schriftlich, telegraphisch, fernschriftlich, im Wege automationsunterstützter Datenübertragung oder in jeder anderen technisch möglichen Weise bei der Behörde, die diesen Bescheid erlassen hat, einzubringen. Die Berufung hat den Bescheid, gegen den sie sich richtet, zu bezeichnen und einen begründeten Berufungsantrag zu enthalten.

Wien, am 05. Juni 2008

Kommunikationsbehörde Austria (KommAustria)

Mag. Michael Ogris
Behördenleiter

Zustellverfügung:

1. Österreichische Rundfunksender GmbH & Co KG, z.Hd. Mag. Michael Wagenhofer, Würzburggasse 30, 1136 Wien, **per RSb**
2. Oberste Fernmeldebehörde/Frequenzbüro, per E-Mail
3. Fernmeldebüro für Steiermark und Kärnten, per E-Mail
4. Fernmeldebüro für Tirol und Vorarlberg, per E-Mail
5. Fernmeldebüro für Oberösterreich und Salzburg, per E-Mail
6. Abteilung RFFM im Haus

Beilage 01O101a zum Bescheid KOA 4.200/08-011

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| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Senderbetreiber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Transportstromkenner | A-ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Name der Funkstelle | AMEISBERG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Standortbezeichnung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 13E50 06 | 48N33 19 | WGS84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Seehöhe (Höhe über NN) in m | 941 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | System | DVB - T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Kanal | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Mittenfrequenz in MHz | 610,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Trägeranzahl | 8k | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Modulation | 16-QAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Code Rate | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Guard Interval | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | SFN - Kenner | 01O101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Erhebungswinkel in Grad +/- | -3,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +- 12,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Polarisation | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Senderausgangsleistung in dBW | 13,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Spektrummaske (kritisch / unkritisch) | u | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 17,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Strahlungsdiagramm bei Richtantenne (ERP in dBW) | <table border="1"> <tr> <td>Grad</td> <td>0</td> <td>10</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> </tr> <tr> <td>dB H</td> <td>17,0</td> <td>17,0</td> <td>16,0</td> <td>17,0</td> <td>16,0</td> <td>13,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>60</td> <td>70</td> <td>80</td> <td>90</td> <td>100</td> <td>110</td> </tr> <tr> <td>dB H</td> <td>13,0</td> <td>14,0</td> <td>13,0</td> <td>13,0</td> <td>16,0</td> <td>17,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>120</td> <td>130</td> <td>140</td> <td>150</td> <td>160</td> <td>170</td> </tr> <tr> <td>dB H</td> <td>16,0</td> <td>16,0</td> <td>16,0</td> <td>13,0</td> <td>12,0</td> <td>7,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>180</td> <td>190</td> <td>200</td> <td>210</td> <td>220</td> <td>230</td> </tr> <tr> <td>dB H</td> <td>7,0</td> <td>9,0</td> <td>10,0</td> <td>13,0</td> <td>14,0</td> <td>17,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>240</td> <td>250</td> <td>260</td> <td>270</td> <td>280</td> <td>290</td> </tr> <tr> <td>dB H</td> <td>17,0</td> <td>17,0</td> <td>16,0</td> <td>14,0</td> <td>11,0</td> <td>10,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>300</td> <td>310</td> <td>320</td> <td>330</td> <td>340</td> <td>350</td> </tr> <tr> <td>dB H</td> <td>4,0</td> <td>2,0</td> <td>2,0</td> <td>7,0</td> <td>12,0</td> <td>14,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | Grad | 0 | 10 | 20 | 30 | 40 | 50 | dB H | 17,0 | 17,0 | 16,0 | 17,0 | 16,0 | 13,0 | dB V | | | | | | | Grad | 60 | 70 | 80 | 90 | 100 | 110 | dB H | 13,0 | 14,0 | 13,0 | 13,0 | 16,0 | 17,0 | dB V | | | | | | | Grad | 120 | 130 | 140 | 150 | 160 | 170 | dB H | 16,0 | 16,0 | 16,0 | 13,0 | 12,0 | 7,0 | dB V | | | | | | | Grad | 180 | 190 | 200 | 210 | 220 | 230 | dB H | 7,0 | 9,0 | 10,0 | 13,0 | 14,0 | 17,0 | dB V | | | | | | | Grad | 240 | 250 | 260 | 270 | 280 | 290 | dB H | 17,0 | 17,0 | 16,0 | 14,0 | 11,0 | 10,0 | dB V | | | | | | | Grad | 300 | 310 | 320 | 330 | 340 | 350 | dB H | 4,0 | 2,0 | 2,0 | 7,0 | 12,0 | 14,0 | dB V | | | | | | |
| Grad | 0 | 10 | 20 | 30 | 40 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 17,0 | 17,0 | 16,0 | 17,0 | 16,0 | 13,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 60 | 70 | 80 | 90 | 100 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 13,0 | 14,0 | 13,0 | 13,0 | 16,0 | 17,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 120 | 130 | 140 | 150 | 160 | 170 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 16,0 | 16,0 | 16,0 | 13,0 | 12,0 | 7,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 180 | 190 | 200 | 210 | 220 | 230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 7,0 | 9,0 | 10,0 | 13,0 | 14,0 | 17,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 240 | 250 | 260 | 270 | 280 | 290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 17,0 | 17,0 | 16,0 | 14,0 | 11,0 | 10,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 300 | 310 | 320 | 330 | 340 | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 4,0 | 2,0 | 2,0 | 7,0 | 12,0 | 14,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | ja | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | LINZ 1 - Lichtenberg K43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Bemerkungen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Beilage 01O102a zum Bescheid KOA 4.200/08-011

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|------------|------------|------------|------------|------|----------|-----------|-----------|-----------|-----------|-----------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|------|-----------|-----------|-----------|-----------|------------|------------|------|------|------|-----|-----|-----|-----|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|-----|-----|-----|-----|------|------|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Senderbetreiber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Transportstromkenner | A-ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Name der Funkstelle | ENGELHARTSZELL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Standortbezeichnung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 13E44 38 | 48N30 23 | WGS84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Seehöhe (Höhe über NN) in m | 560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | System | DVB - T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Kanal | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Mittenfrequenz in MHz | 610,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Trägeranzahl | 8k | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Modulation | 16-QAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Code Rate | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Guard Interval | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | SFN - Kenner | 01O102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Erhebungswinkel in Grad +/- | -5,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +- 15,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Polarisation | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Senderausgangsleistung in dBW | 13,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Spektrummaske (kritisch / unkritisch) | u | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 20,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Strahlungsdiagramm bei Richtantenne (ERP in dBW) | <table border="1"> <tr> <td>Grad</td> <td>0</td> <td>10</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> </tr> <tr> <td>dB H</td> <td>17,0</td> <td>19,0</td> <td>20,0</td> <td>20,0</td> <td>19,0</td> <td>17,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>60</td> <td>70</td> <td>80</td> <td>90</td> <td>100</td> <td>110</td> </tr> <tr> <td>dB H</td> <td>15,0</td> <td>13,0</td> <td>8,0</td> <td>6,0</td> <td>0,0</td> <td>0,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>120</td> <td>130</td> <td>140</td> <td>150</td> <td>160</td> <td>170</td> </tr> <tr> <td>dB H</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>8,0</td> <td>12,0</td> <td>12,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>180</td> <td>190</td> <td>200</td> <td>210</td> <td>220</td> <td>230</td> </tr> <tr> <td>dB H</td> <td>10,0</td> <td>10,0</td> <td>12,0</td> <td>14,0</td> <td>13,0</td> <td>12,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>240</td> <td>250</td> <td>260</td> <td>270</td> <td>280</td> <td>290</td> </tr> <tr> <td>dB H</td> <td>13,0</td> <td>16,0</td> <td>18,0</td> <td>19,0</td> <td>20,0</td> <td>20,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>300</td> <td>310</td> <td>320</td> <td>330</td> <td>340</td> <td>350</td> </tr> <tr> <td>dB H</td> <td>18,0</td> <td>16,0</td> <td>17,0</td> <td>19,0</td> <td>18,0</td> <td>16,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | Grad | 0 | 10 | 20 | 30 | 40 | 50 | dB H | 17,0 | 19,0 | 20,0 | 20,0 | 19,0 | 17,0 | dB V | | | | | | | Grad | 60 | 70 | 80 | 90 | 100 | 110 | dB H | 15,0 | 13,0 | 8,0 | 6,0 | 0,0 | 0,0 | dB V | | | | | | | Grad | 120 | 130 | 140 | 150 | 160 | 170 | dB H | 0,0 | 0,0 | 0,0 | 8,0 | 12,0 | 12,0 | dB V | | | | | | | Grad | 180 | 190 | 200 | 210 | 220 | 230 | dB H | 10,0 | 10,0 | 12,0 | 14,0 | 13,0 | 12,0 | dB V | | | | | | | Grad | 240 | 250 | 260 | 270 | 280 | 290 | dB H | 13,0 | 16,0 | 18,0 | 19,0 | 20,0 | 20,0 | dB V | | | | | | | Grad | 300 | 310 | 320 | 330 | 340 | 350 | dB H | 18,0 | 16,0 | 17,0 | 19,0 | 18,0 | 16,0 | dB V | | | | | | |
| Grad | 0 | 10 | 20 | 30 | 40 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 17,0 | 19,0 | 20,0 | 20,0 | 19,0 | 17,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 60 | 70 | 80 | 90 | 100 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 15,0 | 13,0 | 8,0 | 6,0 | 0,0 | 0,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 120 | 130 | 140 | 150 | 160 | 170 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 0,0 | 0,0 | 0,0 | 8,0 | 12,0 | 12,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 180 | 190 | 200 | 210 | 220 | 230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 10,0 | 10,0 | 12,0 | 14,0 | 13,0 | 12,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 240 | 250 | 260 | 270 | 280 | 290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 13,0 | 16,0 | 18,0 | 19,0 | 20,0 | 20,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 300 | 310 | 320 | 330 | 340 | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 18,0 | 16,0 | 17,0 | 19,0 | 18,0 | 16,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | ja | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | LINZ 1 - Lichtenberg K43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Bemerkungen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Beilage 01S101a zum Bescheid KOA 4.200/08-011

| | | | | | | | |
|----|--|-----------------------|------------|------------|------------|------------|------------|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | |
| 2 | Senderbetreiber | ORS | | | | | |
| 3 | Transportstromkenner | A-SO | | | | | |
| 4 | Name der Funkstelle | LOFER | | | | | |
| 5 | Standortbezeichnung | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 012E41 05 | 47N36 13 | WGS84 | | | |
| 7 | Seehöhe (Höhe über NN) in m | 980 | | | | | |
| 8 | System | DVB - T | | | | | |
| 9 | Kanal | 38 | | | | | |
| 10 | Mittenfrequenz in MHz | 610,00 | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | |
| 12 | Trägeranzahl | 8k | | | | | |
| 13 | Modulation | 16-QAM | | | | | |
| 14 | Code Rate | 3/4 | | | | | |
| 15 | Guard Interval | 1/4 | | | | | |
| 16 | SFN - Kenner | 01S101 | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 26 | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | |
| 19 | Erhebungswinkel in Grad +/- | -5,0 | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +-7,0 | | | | | |
| 21 | Polarisation | H | | | | | |
| 22 | Senderausgangsleistung in dBW | 13,0 | | | | | |
| 23 | Spektrummaske (kritisch / unkritisch) | u | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 22,0 | | | | | |
| 25 | Strahlungsdiagramm bei Richtantenne (ERP in dBW) | | | | | | |
| | Grad | 0 | 10 | 20 | 30 | 40 | 50 |
| | dB H | 9,0 | 12,0 | 15,0 | 18,0 | 19,0 | 20,0 |
| | dB V | | | | | | |
| | Grad | 60 | 70 | 80 | 90 | 100 | 110 |
| | dB H | 20,0 | 19,0 | 17,0 | 15,0 | 16,0 | 17,0 |
| | dB V | | | | | | |
| | Grad | 120 | 130 | 140 | 150 | 160 | 170 |
| | dB H | 16,0 | 18,0 | 19,0 | 20,0 | 20,0 | 20,0 |
| | dB V | | | | | | |
| | Grad | 180 | 190 | 200 | 210 | 220 | 230 |
| | dB H | 19,0 | 17,0 | 15,0 | 12,0 | 5,0 | 0,0 |
| | dB V | | | | | | |
| | Grad | 240 | 250 | 260 | 270 | 280 | 290 |
| | dB H | -5,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| | dB V | | | | | | |
| | Grad | 300 | 310 | 320 | 330 | 340 | 350 |
| | dB H | 0,0 | 0,0 | 0,0 | -4,0 | 0,0 | 0,0 |
| | dB V | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | ja | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | SALZBURG Gaisberg K32 | | | | | |
| 30 | Bemerkungen | | | | | | |

Beilage 01S102a zum Bescheid KOA 4.200/08-011

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|------------|------------|------------|------------|------|----------|-----------|-----------|-----------|-----------|-----------|------|-----|------|------|------|------|------|------|--|--|--|--|--|--|------|-----------|-----------|-----------|-----------|------------|------------|------|------|------|------|------|------|-----|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|-----|-----|-----|-----|-----|-----|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|-----|-----|-----|-----|-----|-----|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|-----|-----|-----|-----|-----|-----|------|--|--|--|--|--|--|------|------------|------------|------------|------------|------------|------------|------|-----|-----|-----|-----|-----|-----|------|--|--|--|--|--|--|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Senderbetreiber | ORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Transportstromkenner | A-SO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Name der Funkstelle | UNKEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Standortbezeichnung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 012E41 43 | 47N38 14 | WGS84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Seehöhe (Höhe über NN) in m | 860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | System | DVB - T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Kanal | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Mittenfrequenz in MHz | 610,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Trägeranzahl | 8k | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Modulation | 16-QAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Code Rate | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Guard Interval | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | SFN - Kenner | 01S102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Erhebungswinkel in Grad +/- | -5,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +-6,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Polarisation | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Senderausgangsleistung in dBW | 10,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Spektrummaske (kritisch / unkritisch) | u | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 22,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Strahlungsdiagramm bei Richtantenne (ERP in dBW) | <table border="1"> <tr> <td>Grad</td> <td>0</td> <td>10</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> </tr> <tr> <td>dB H</td> <td>9,0</td> <td>13,0</td> <td>16,0</td> <td>18,0</td> <td>20,0</td> <td>20,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>60</td> <td>70</td> <td>80</td> <td>90</td> <td>100</td> <td>110</td> </tr> <tr> <td>dB H</td> <td>20,0</td> <td>20,0</td> <td>18,0</td> <td>16,0</td> <td>13,0</td> <td>9,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>120</td> <td>130</td> <td>140</td> <td>150</td> <td>160</td> <td>170</td> </tr> <tr> <td>dB H</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>180</td> <td>190</td> <td>200</td> <td>210</td> <td>220</td> <td>230</td> </tr> <tr> <td>dB H</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>240</td> <td>250</td> <td>260</td> <td>270</td> <td>280</td> <td>290</td> </tr> <tr> <td>dB H</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grad</td> <td>300</td> <td>310</td> <td>320</td> <td>330</td> <td>340</td> <td>350</td> </tr> <tr> <td>dB H</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> <td>2,0</td> </tr> <tr> <td>dB V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | Grad | 0 | 10 | 20 | 30 | 40 | 50 | dB H | 9,0 | 13,0 | 16,0 | 18,0 | 20,0 | 20,0 | dB V | | | | | | | Grad | 60 | 70 | 80 | 90 | 100 | 110 | dB H | 20,0 | 20,0 | 18,0 | 16,0 | 13,0 | 9,0 | dB V | | | | | | | Grad | 120 | 130 | 140 | 150 | 160 | 170 | dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | dB V | | | | | | | Grad | 180 | 190 | 200 | 210 | 220 | 230 | dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | dB V | | | | | | | Grad | 240 | 250 | 260 | 270 | 280 | 290 | dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | dB V | | | | | | | Grad | 300 | 310 | 320 | 330 | 340 | 350 | dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | dB V | | | | | | |
| Grad | 0 | 10 | 20 | 30 | 40 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 9,0 | 13,0 | 16,0 | 18,0 | 20,0 | 20,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 60 | 70 | 80 | 90 | 100 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 20,0 | 20,0 | 18,0 | 16,0 | 13,0 | 9,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 120 | 130 | 140 | 150 | 160 | 170 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 180 | 190 | 200 | 210 | 220 | 230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 240 | 250 | 260 | 270 | 280 | 290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grad | 300 | 310 | 320 | 330 | 340 | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB H | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | 2,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dB V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | ja | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | SALZBURG Gaisberg K32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Bemerkungen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Beilage 01T201a zum Bescheid KOA 4.200/08-011

| | | | | | | | |
|----|--|-----------------|------------|------------|------------|------------|------------|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | |
| 2 | Senderbetreiber | ORS | | | | | |
| 3 | Transportstromkennung | A-TV | | | | | |
| 4 | Name der Funkstelle | TANNHEIM | | | | | |
| 5 | Standortbezeichnung | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 010E28 33 | 47N30 45 | WGS84 | | | |
| 7 | Seehöhe (Höhe über NN) in m | 1304 | | | | | |
| 8 | System | DVB - T | | | | | |
| 9 | Kanal | 38 | | | | | |
| 10 | Mittenfrequenz in MHz | 610,00 | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | |
| 12 | Trägeranzahl | 8k | | | | | |
| 13 | Modulation | 16-QAM | | | | | |
| 14 | Code Rate | 3/4 | | | | | |
| 15 | Guard Interval | 1/4 | | | | | |
| 16 | SFN - Kenner | 01T201 | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 25 | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | |
| 19 | Erhebungswinkel in Grad +/- | -5,0 | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +/- 14,0 | | | | | |
| 21 | Polarisation | H | | | | | |
| 22 | Senderausgangsleistung in dBW | 10,0 | | | | | |
| 23 | Spektrummaske (<u>k</u> ritisch / <u>u</u> nkritisch) | u | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 19,0 | | | | | |
| 25 | Strahlungsdiagramm in horizontaler Ebene bei Richtantenne (ERP in dBW) | | | | | | |
| | Grad | 0 | 10 | 20 | 30 | 40 | 50 |
| | dB H | 5,0 | 7,0 | 5,0 | 4,0 | 6,0 | 9,0 |
| | dB V | | | | | | |
| | Grad | 60 | 70 | 80 | 90 | 100 | 110 |
| | dB H | 12,0 | 14,0 | 16,0 | 18,0 | 19,0 | 19,0 |
| | dB V | | | | | | |
| | Grad | 120 | 130 | 140 | 150 | 160 | 170 |
| | dB H | 19,0 | 17,0 | 15,0 | 15,0 | 16,0 | 16,0 |
| | dB V | | | | | | |
| | Grad | 180 | 190 | 200 | 210 | 220 | 230 |
| | dB H | 15,0 | 13,0 | 14,0 | 14,0 | 14,0 | 12,0 |
| | dB V | | | | | | |
| | Grad | 240 | 250 | 260 | 270 | 280 | 290 |
| | dB H | 14,0 | 14,0 | 11,0 | 12,0 | 15,0 | 17,0 |
| | dB V | | | | | | |
| | Grad | 300 | 310 | 320 | 330 | 340 | 350 |
| | dB H | 17,0 | 16,0 | 15,0 | 13,0 | 10,0 | 9,0 |
| | dB V | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | | | | | | ja |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | REUTTE 1 K49 | | | | | |
| 30 | Bemerkungen | | | | | | |

Beilage 01ST100f zum Bescheid KOA 4.200/08-011

| | | | | | | | |
|----|--|-----------------------------|------------|------------|------------|------------|------------|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | |
| 2 | Senderbetreiber | ORS | | | | | |
| 3 | Transportstromkennung | A-STB | | | | | |
| 4 | Name der Funkstelle | KLOECH | | | | | |
| 5 | Standortbezeichnung | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 015E58 10 | 48N46 00 | WGS84 | | | |
| 7 | Seehöhe (Höhe über NN) in m | 375 | | | | | |
| 8 | System | DVB - T | | | | | |
| 9 | Kanal | 26 | | | | | |
| 10 | Mittenfrequenz in MHz | 514,00 | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | |
| 12 | Trägeranzahl | 8k | | | | | |
| 13 | Modulation | 16-QAM | | | | | |
| 14 | Code Rate | 3/4 | | | | | |
| 15 | Guard Interval | 1/4 | | | | | |
| 16 | SFN - Kenner | 01ST100 | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 25 | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | |
| 19 | Erhebungswinkel in Grad +/- | 0,0 | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +-15,0 | | | | | |
| 21 | Polarisation | Vertikal | | | | | |
| 22 | Senderausgangsleistung in dBW | 10,0 | | | | | |
| 23 | Spektrummaske (<u>k</u> ritisch / <u>u</u> nkritisch) | u | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 18,0 | | | | | |
| 25 | Strahlungsdiagramm in horizontaler Ebene bei Richtantenne (ERP in dBW) | | | | | | |
| | Grad | 0 | 10 | 20 | 30 | 40 | 50 |
| | dB H | | | | | | |
| | dB V | 6,0 | 9,0 | 11,0 | 12,0 | 12,0 | 11,0 |
| | Grad | 60 | 70 | 80 | 90 | 100 | 110 |
| | dB H | | | | | | |
| | dB V | 10,0 | 10,0 | 9,0 | 8,0 | 6,0 | 8,0 |
| | Grad | 120 | 130 | 140 | 150 | 160 | 170 |
| | dB H | | | | | | |
| | dB V | 12,0 | 15,0 | 17,0 | 18,0 | 18,0 | 16,0 |
| | Grad | 180 | 190 | 200 | 210 | 220 | 230 |
| | dB H | | | | | | |
| | dB V | 14,0 | 15,0 | 16,0 | 14,0 | 11,0 | 7,0 |
| | Grad | 240 | 250 | 260 | 270 | 280 | 290 |
| | dB H | | | | | | |
| | dB V | 8,0 | 9,0 | 8,0 | 6,0 | 2,0 | 0,0 |
| | Grad | 300 | 310 | 320 | 330 | 340 | 350 |
| | dB H | | | | | | |
| | dB V | -2,0 | -2,0 | -2,0 | -2,0 | 0,0 | 2,0 |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | nein | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | Leitung | | | | | |
| 30 | Bemerkungen | SFN mit GRAZ 9 und KOEFLACH | | | | | |

Beilage 01O100f zum Bescheid KOA 4.200/08-011

| | | | | | | | |
|----|--|-------------------|------------|------------|------------|------------|------------|
| 1 | Multiplex-Zulassungsinhaber | ORS | | | | | |
| 2 | Senderbetreiber | ORS | | | | | |
| 3 | Transportstromkenner | A-ON | | | | | |
| 4 | Name der Funkstelle | OBERKAPPEL | | | | | |
| 5 | Standortbezeichnung | | | | | | |
| 6 | Geographische Koordinaten (in ° ' ") | 013E46 12 | 48N32 50 | WGS84 | | | |
| 7 | Seehöhe (Höhe über NN) in m | 520 | | | | | |
| 8 | System | DVB - T | | | | | |
| 9 | Kanal | 43 | | | | | |
| 10 | Mittenfrequenz in MHz | 650,00 | | | | | |
| 11 | Bandbreite in MHz | 8 | | | | | |
| 12 | Trägeranzahl | 8k | | | | | |
| 13 | Modulation | 16-QAM | | | | | |
| 14 | Code Rate | 3/4 | | | | | |
| 15 | Guard Interval | 1/4 | | | | | |
| 16 | SFN - Kenner | 01O100 | | | | | |
| 17 | Höhe des Antennenschwerpunktes in m | 14 | | | | | |
| 18 | Gerichtete Antenne? (D/ND) | D | | | | | |
| 19 | Erhebungswinkel in Grad +/- | 0,0 | | | | | |
| 20 | Vertikale Halbwertsbreite(n) in Grad +/- | +/-13,0 | | | | | |
| 21 | Polarisation | Horizontal | | | | | |
| 22 | Senderausgangsleistung in dBW | 7,0 | | | | | |
| 23 | Spektrummaske (<u>k</u> ritisch / <u>u</u> nkritisch) | u | | | | | |
| 24 | max.Strahlungsleistung in dBW (total) | 17,0 | | | | | |
| 25 | Strahlungsdiagramm in horizontaler Ebene bei Richtantenne (ERP in dBW) | | | | | | |
| | Grad | 0 | 10 | 20 | 30 | 40 | 50 |
| | dB H | 17,0 | 17,0 | 16,0 | 14,0 | 12,0 | 9,0 |
| | dB V | | | | | | |
| | Grad | 60 | 70 | 80 | 90 | 100 | 110 |
| | dB H | 5,0 | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 |
| | dB V | | | | | | |
| | Grad | 120 | 130 | 140 | 150 | 160 | 170 |
| | dB H | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 |
| | dB V | | | | | | |
| | Grad | 180 | 190 | 200 | 210 | 220 | 230 |
| | dB H | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 |
| | dB V | | | | | | |
| | Grad | 240 | 250 | 260 | 270 | 280 | 290 |
| | dB H | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 | -3,0 |
| | dB V | | | | | | |
| | Grad | 300 | 310 | 320 | 330 | 340 | 350 |
| | dB H | 5,0 | 9,0 | 12,0 | 14,0 | 16,0 | 17,0 |
| | dB V | | | | | | |
| 26 | Technische Bedingungen der Aussendung nach EN 300 744 | | | | | | |
| 27 | Das Sendegerät muss dem Bundesgesetz über Funkanlagen und Telekommunikations-einrichtungen (FTEG), BGBl. I Nr. 134/2001 idgF, entsprechen. | | | | | | |
| 28 | Versuchsbetrieb gem. Nr. 15.14 der VO-Funk (ja / nein) | nein | | | | | |
| 29 | Art der Programmzubringung (bei Ballempfang Muttersender und Kanal) | AMEISBERG K38 | | | | | |
| 30 | Bemerkungen | | | | | | |