FACTUM RADIOSCAPE **DBSERVA A** NA

FOR DETAILED ANALYSIS OF CONTENT, ASSOCIATED STREAMS, AND FILES

Imput ETT File: Norway_DL+.ett Ensemble F901 NRK Reg2 BuTeVe Playout Analysed -26.4 d		13 November 2020 11:47:44
Service label NRK P1	Service label NRK WHHETER	Service label NRK P13
Format DAB+	Format DAB+	Format DAB+
Audio mode Stereo (SBR On)	Autoi mode Parametric Stereo (SBR On)	Audio mode Stereo (SBR On)
Bit rate 80 ktps	Bitrate 48 kbps	Bit-rate 80 kdps
Sample-rate 48 ktrz	Sample-rate 48 kbrz	Sample-rate 48 kdr
George Benson - Welcome to my Workd	BBC World Service	Med All Respekt
Service label NRK P2	Service label NRK SPORT	Since label NRK Vær Sør
Format DAB+	Format DAB+	Format DAB+
Audio mode Sterea (SBR On)	Audio mode Parametric Stereo (SBR On)	Audio mode Mono (SBR On)
Bit-tate 80 kbps	Bitrate 64 kbps	Bit-rate 24 kbps
Sample-rate Ak ktz	Sample-rate 64 kbrz	Sample-rate 48 kbt 2
21.03.2018 Dagsnytt Atten	Alice Metton - No Roots	Deme meldingen kan også høres over VHF kystradio til faste tidspunkter.
Service label NRK P3	Service label NRK mP3	Service label NRK Trafikid2 BTV
Format DAB+	Format DAB+	Format DAB+
Audio mode Steres (SBR On)	Audio mode Stereo (SBR On)	Audio mode Mono (SBR On)
Bit-rate 80 kbps	Bit-rate 80 kbps	Bit-rate 24 kbps
Sample-rate 48 kbz	Sample-rate 48 kbr/	Sample-rate 48 kb/2
Mark Ronson, Miley Cyrus - Nothing Breaks Like A Heart	LAUREN - Look At Me Now	EL34 Oslofjordhunnelen: Stengd ki 22-05-30
Service label NRK KLASSISK	Service label NRK FOLKEMUSIKK	Service label NRK P1 Buskerud
Format DAB+	Format DAB+	Format DAB+
Audio mode Stereo (SBR On)	Audio mode Stereo (SBR On)	Audio mode Stereo (SBR Ori)
Bit-rate 80 kbps	bit-trate 80 kbps	Bit-rate 80 kbps
Sample-rate 48 kbtz	Sample-rate 48 kt/z	Sample-rate 48 kt/z
É talo: Fantaise Norvýgienne: 2. sats - Vladyslava Lucehenko, Liège Filh Ork, Jean-	Telemark	George Benson - Welcome to my World
Service label NIK SÁPMI	Service label NRK JAZZ	Service label NRK PJ Vestfold
Format DAB+	Format DAB+	Format DAB+
Audio mode Stereo (SBR On)	Audio mode Stereo (SBR On)	Audio mode Stereo (SBR Ori)
Bit-rate 80 kbps	Bit rate 80 kbps	Bit-rate 80 kbps
Sample-rate 48 kbr	Sample-rate 48 kbt/z	Sample-rate 48 kt/z
01:00: Veaigesátta	Mark Turner, Kurt Rosenwinkel, Larry Grenadler, Brian Blade - All or Nothing at All	George Benson - Welcome to my World

Decode and analyse live ensembles with the OBSERVA Analyser.

The software includes real-time graphical displays, alarms, and logging to capture all key metrics from the output of a DAB multiplex. Any irregularities are flagged, allowing the user to pinpoint the cause of the errors for quick reparation.

Individual audio services can be selected for detailed analysis, including sample rate, left and right volume, MPEG header CRC errors, frame CRC errors, and Reed Solomon corrections and failures. Metrics relating to the state of the data packets and a visual representation of the incoming packet data are also displayed.

TECHNICAL SPECIFICATIONS

Operating System	CPU	Memory	Storage
Windows 10 Pro	Intel Core i5 processor - 2GHz or faster	8GB RAM	2GB free disk capacity for installation

FEATURES						
0 0	Live decoding of EDI data streams	μþ	Analysis of Fast Information Channel (FIC)			
ιψ	Overview of the DAB ensemble with audio level and data display	0 0 0	Full ensemble recording by scheduled date, start-time, and duration			
hþ	Audio playout and silence detection	1 1	Service Linking and Other Ensemble data			
bļb	ETI file recording and data logging	1(I)	PAD rates, MOT, and DLS/DL+ flow			

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