

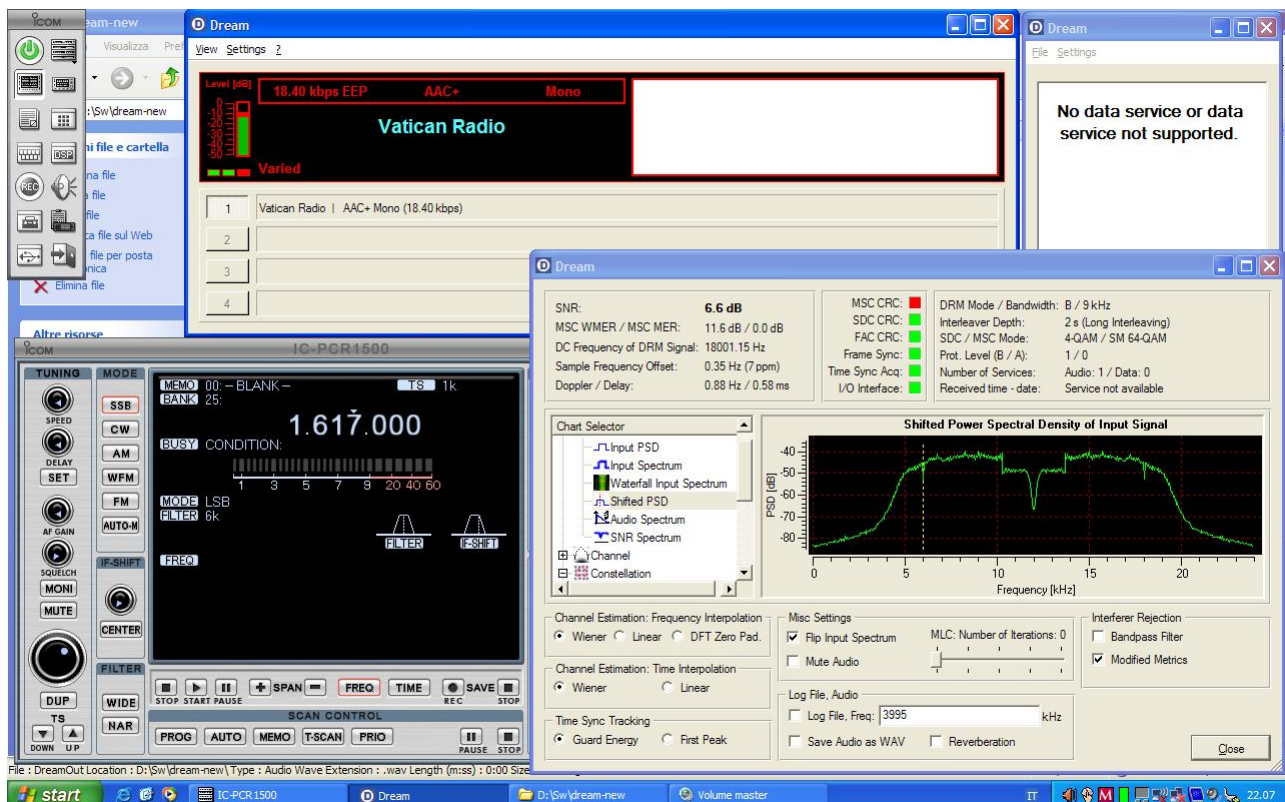
Segnali **DRM** rilevati utilizzando un ricevitore **Icom pcr1500**, connesso tramite USB 2.0, ad un Pc Acer; segnale elaborato con il software **Dream ver. 1.6**

I parametri di ricezione utilizzati sono i seguenti:

Sintonia **6-7 kHz** in più rispetto alla frequenza di emissione

Modo **LSB** con filtro **6kHz** e **IF filter shiftato**. Il software di gestione del **Icom pcr1500** non permette un filtro più ampio.

Frequenza (kHz)	Emittente	Nazione
693	Radio RAI	Italia
1.530	Radio Vaticana	Città del Vaticano
1.611	Radio Vaticana	Città del Vaticano
3.995	DW	Germania
5.810	DW	Germania
5.820	VoR	Russia
5.875	BBCWS	UK
5.990	RTL DRM 2	Lussemburgo
6.095	RTL Radio	Lussemburgo
11.535	WRN	Bulgaria



The screenshot shows the Dream software interface. The main display shows a radio broadcast from Deutsche Welle with the following details:

- Level: 17.46 kbps EEP AAC+ P-Stereo
- Station: Deutsche Welle
- Time: 10:3E9

The tuner window shows a frequency of 5.816.000 and a mode of SSB. The analysis window displays the following parameters:

- SNR: 12.9 dB
- MSC WMER / MSC MER: 9.8 dB / 0.0 dB
- DC Frequency of DRM Signal: 18002.77 Hz
- Sample Frequency Offset: 1.52 Hz (31 ppm)
- Doppler / Delay: 0.91 Hz / 0.92 ms
- MSC CRC: [Red]
- SDC CRC: [Red]
- DRM Mode / Bandwidth: B / 10 kHz
- Interleaver Depth: 2 s (Long Interleaving)
- FAC CRC: [Green]
- SDC / MSC Mode: 4-QAM / SM 64-QAM
- Frame Sync: [Green]
- Prot. Level (B / A): 0 / 0
- Time Sync Acq: [Green]
- Number of Services: Audio: 1 / Data: 0
- I/O Interface: [Green]
- Received time - date: Service not available

The analysis window also features a 'Shifted Power Spectral Density of Input Signal' graph showing PSD [dB] vs Frequency [kHz].

The screenshot shows the Dream software interface. The main display shows a radio broadcast from Voice of Russia with the following details:

- Level: 17.46 kbps EEP AAC+ Mono
- Station: Voice of Russia

The tuner window shows a frequency of 5.826.000 and a mode of SSB. The analysis window displays the following parameters:

- SNR: 15.2 dB
- MSC WMER / MSC MER: 17.8 dB / 0.0 dB
- DC Frequency of DRM Signal: 18003.00 Hz
- Sample Frequency Offset: 1.38 Hz (28 ppm)
- Doppler / Delay: 1.19 Hz / 0.92 ms
- MSC CRC: [Red]
- SDC CRC: [Green]
- DRM Mode / Bandwidth: B / 10 kHz
- Interleaver Depth: 2 s (Long Interleaving)
- FAC CRC: [Green]
- SDC / MSC Mode: 4-QAM / SM 64-QAM
- Frame Sync: [Green]
- Prot. Level (B / A): 0 / 0
- Time Sync Acq: [Green]
- Number of Services: Audio: 1 / Data: 0
- I/O Interface: [Green]
- Received time - date: Service not available

The analysis window also features a 'Shifted Power Spectral Density of Input Signal' graph showing PSD [dB] vs Frequency [kHz].

The screenshot shows the Dream software interface. The main window displays 'RAI WAY DRM TEST' with a level of 19.68 kbps EEP AAC+ P-Stereo. A secondary window shows 'No data service or data service not supported.' The 'Dream' window includes a 'Chart Selector' with 'Shifted PSD' selected, showing a graph of 'Shifted Power Spectral Density of Input Signal' with PSD [dB] on the y-axis and Frequency [kHz] on the x-axis. Technical parameters include SNR: 15.7 dB, MSC WMER / MSC MER: 17.6 dB / 0.0 dB, DC Frequency of DRM Signal: 18013.04 Hz, Sample Frequency Offset: 3.54 Hz (73 ppm), Doppler / Delay: 0.18 Hz / 1.15 ms, and DRM Mode / Bandwidth: A / 9 kHz.

The screenshot shows the Dream software interface. The main window displays 'RAI WAY DRM TEST' with a level of 19.68 kbps EEP AAC+ P-Stereo. A secondary window shows 'No data service or data service not supported.' The 'Dream' window includes a 'Chart Selector' with 'Audio Spectrum' selected, showing a graph of 'Audio Spectrum' with AS [dB] on the y-axis and Frequency [kHz] on the x-axis. Technical parameters include SNR: 19.0 dB, MSC WMER / MSC MER: 19.4 dB / 0.0 dB, DC Frequency of DRM Signal: 18813.70 Hz, Sample Frequency Offset: 1.91 Hz (39 ppm), Doppler / Delay: 0.49 Hz / 0.81 ms, and DRM Mode / Bandwidth: A / 9 kHz.