



*Technical Reference Sheet*

Digital	C-Band Feed
Satellite	Galaxy 23
Location	121 degrees West
Transponder	1 C
Signal	PowerVu DVB
Downlink Polarization	Horizontal
Downlink Frequency	3730.25Mhz
Uplink frequency	5955.250Mhz
L-Band	1419.75Mhz
Symbol Rate	8.8235Ms/s
FEC	$\frac{3}{4}$
SD Channel	10 – MPEG2
HD Channel	20 – MPEG4
Program Audio	Audio1, Analog , L Cue Tones, R program audio, Audio2, AC3
Network ID	715

Compatible IRDs with DVB-S QPSK Modulation, D9120 MPEG-2 SD encoding, Dolby AC3 audio encoding PowerVu Plus DES Encryption:

**Currently produced commercial (non-set-top) models**

- D9850 Integrated Receiver Decoder - all models
- D9854 Integrated Receiver Decoder - all models
- D9858 Advanced Receiver Transcoder - all models
- D9828 Multiple Decryption Receivers - for remultiplexing applications

**Discontinued / past production commercial (non-set-top) models**

- D9228 Multiple Decryption Receiver (Release 2 or later only)
- D9224 Integrated Receiver Decoder (Release 3 or later only) (Dolby AC3 Decoding on audio pair 1 only)
- D9229 Commercial Headend Receiver
- D9230 Master Commercial Headend Receiver

For 24-hour signal concerns, authorizations, and IRD assistance please contact Encompass Digital Media (formerly Crawford Communications) at the following numbers:

**Primary # 678-421-6604; 678-421-6617; 678-421-6618**