



## Technical Satellite Information (Effective: January 26, 2022)

### Digital

**(MCPC: HSN HD, HSN SD, HSN SD OTA, HSN2 HD & HSN2 SD)**

Satellite: SES-3  
Transponder: 23  
Orbital Location: 103° W  
Downlink Polarization: Horizontal  
Encoding: HSN-SD, HSN-HD, HSN2-SD: MediaKind, MPEG-II & DVB Compatible  
HSN2-HD, HSN-SD OTA: MediaKind, MPEG-4  
Audio: MPEG, Stereo, AC3  
Downlink L-Band Frequency: 990 MHz  
Downlink Frequency: 4.160 GHz  
Symbol Rate: 29.27 MS/s  
FEC Rate: 3/4  
Network ID: 1

### Service Channels:

1	HSN-SD	
2	HSN-SD OTA	(H.264 – 3.0 Mbps) (Free to Air - For "Over the Air" broadcast)
4	HSN-SD	(Comcast)
102	HSN-HD	
103	HSN2-SD	
106	HSN-HD	(Comcast)
109	HSN2-HD	(H.264)
110	HSN2-SD	(Comcast)

### Recommended IRD

Cisco/ S-A D9800 – properly licensed as required by output needs of facility  
- VII in Metadata (disabled)

For those utilizing legacy D9850 or D9854 units please adhere to the following:

- When utilizing ASI out on a D9850, Cisco recommends video decode be set to "NO"
- To use a D9850 ASI output for HSN2 HD, Filter Mode must be set to "Passthru w/ Svc Ch Descrambled"
- D9850 must be running "current app" ver 2.61
- D9854 must be running "current app" ver 3.96 or greater

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Please feel free to call us M-F from 9am to 5pm at 727-872-4238 with technical questions.

Thank You.