|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Signal** | **MIN value\*** | **MAX value\*** | **WIDTH\*\*** | **FORMAT\*** |
| **i\_r1** | -256 | 254 | 11 (9) | s8i0f |
| **o\_r1** | -256 | 254 | 11 (9) | s8i0f |
| **i\_r2** | -256 | 254 | 11 (9) | s8i0f |
| **o\_r2** | -256 | 254 | 11 (9) | s8i0f |
| **o\_r3** | -256 | 254 | 11 (9) | s8i0f |
| **o\_r4** | -256 | 254 | 11 (9) | s8i0f |
| **o\_r12** | -256 | 254 | 11 (9) | s8i0f |
| **o\_mo2** | -256 | 254 | 11 (9) | s8i0f |
| **i\_r5** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r5** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r6** | -512 | 508 | 12 (10) | s9i0f |
| **o\_mo1** | -512 | 508 | 12 (10) | s9i0f |
| **o\_mo5** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r13** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r14** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r16** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r17** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r18** | -512 | 508 | 12 (10) | s9i0f |
| **o\_mo6** | -512 | 508 | 12 (10) | s9i0f |
| **o\_r22** | -512 | 508 | 12 (10) | s9i0f |
| **i\_r7** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_r7** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_mo3** | -1024 | 1016 | 13 (11) | s10i0f |
| **i\_r8** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_r8** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_r9** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_r10** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_mo4** | -1024 | 1016 | 13 (11) | s10i0f |
| **i\_r19** | -1024 | 1016 | 13 (11) | s10i0f |
| **o\_r21** | -1024 | 1016 | 13 (11) | s10i0f |
| **i\_r11** | -2048 | 2032 | 14 (12) | s11i0f |
| **o\_r11** | -2048 | 2032 | 14 (12) | s11i0f |
| **o\_mo7** | -2048 | 2032 | 14 (12) | s11i0f |
| **i\_odd** | -2048 | 2032 | 14 (12) | s11i0f |
| **i\_r20** | -2048 | 2032 | 14 (12) | s11i0f |
| **i\_even** | -2048 | 2032 | 14 (12) | s11i0f |

\*Provided values are for 1st dimension DCT.

\*\*Width for 2d DCT (sufficient width for 1st dimension DCT)