CCSDS 123 Block Adaptative Lossless Los		8bit Mono	8bit RGB	8bit Multi	Lossless range	CR range
CCSDS 123 Hybrid CCSDS 123 Sample Adaptative Lossless Los	BZIP2 5	Lossless	Lossless	Lossless	1:16	4.74:3810.23
CCSDS 123 Sample Adaptative CCSDS-122 Not available P:16 4.47:30.3 CCSDS-122-POT Not available Not available Not available Not available Not available P:16 4.47:30.3 FLIF Lossless Lossless Not available Not available 1:8 50.72:1820 FSE Lossless Lossless Lossless Lossless Lossless 1:16 1.00:7.9 HEVC 0.250bps Lossy Lossy Lossy Lossy Lossy Lossy None None 39.19:353 HEVC QP25 Lossless Lossles	CCSDS 123 Block Adaptative	Lossless	Lossless	Lossless	1:16	1.02:434.59
CCSDS-122Not availableNot availableNot available9:164.47:30.3CCSDS-122-IWTNot availableNot availableNot available9:164.47:126.3CCSDS-122-POTNot availableNot availableNot available9:164.47:30.3FLIFLosslessLosslessNot available1:850.72:1820.3FSELosslessLosslessLossless1:161.00:7.9HEVC 0.250bpsLossyLossyLossy1:165.54:239.3HEVC losslessLosslessLosslessLossless1:160.89:100.3HEVC QP25LossyLossyLossyNone39.19:353.3HuffmanLosslessLosslessLossless1:161.00:7.9ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963.3JPEG-LSLosslessLosslessLosslessLossless1:166.87:14.6	CCSDS 123 Hybrid	Lossless	Lossless	Lossless	1:16	0.97:148.68
CCSDS-122-IWT Not available Not available Not available 9:16 4.47:126. CCSDS-122-POT Not available Not available Not available 9:16 4.47:30.9 FLIF Lossless Lossless Not available 1:8 50.72:1826 FSE Lossless Lossless Lossless 1:16 1.00:7.9 HEVC 0.250bps Lossy Lossy Lossy 1:1 65.54:239 HEVC lossless Lossless Lossless 1:16 0.89:100.9 HEVC QP25 Lossy Lossy Lossy None 39.19:353 Huffman Lossless Lossless Lossless 1:16 1.00:7.9 ImageMarlin Lossless Not available Not available 1:8 1.00:2.5 JPEG XL Lossless Lossless Not available 1:16 64.00:963 JPEG-LS Lossless Lossless Lossless 1:16 6.87:14.4	CCSDS 123 Sample Adaptative	Lossless	Lossless	Lossless	1:16	0.97:7.90
CCSDS-122-POTNot availableNot availableNot available9:164.47:30.9FLIFLosslessLosslessNot available1:850.72:1820FSELosslessLosslessLossless1:161.00:7.9HEVC 0.250bpsLossyLossyLossy1:165.54:239HEVC losslessLosslessLosslessLossless1:160.89:100HEVC QP25LossyLossyLossyNone39.19:353HuffmanLosslessLosslessLossless1:161.00:7.9ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLosslessLossless1:166.87:14.6	CCSDS-122	Not available	Not available	Not available	9:16	4.47:30.20
FLIF Lossless Lossless Not available 1:8 50.72:1820 FSE Lossless Lossless 1:16 1.00:7.9 HEVC 0.250bps Lossy Lossy Lossy 1:1 65.54:239 HEVC lossless Lossless Lossless 1:16 0.89:100 HEVC QP25 Lossy Lossy Lossy None 39.19:353 Huffman Lossless Lossless Lossless 1:16 1.00:7.9 ImageMarlin Lossless Not available Not available 1:8 1.00:2.5 JPEG XL Lossless Lossless Not available 1:16 64.00:963 JPEG-LS Lossless Lossless Lossless Lossless 1:16 6.87:14.6	CCSDS-122-IWT	Not available	Not available	Not available	9:16	4.47:126.52
FSE Lossless Lossless 1:16 1.00:7.9 HEVC 0.250bps Lossy Lossy Lossy 1:1 65.54:239 HEVC lossless Lossless Lossless 1:16 0.89:100 HEVC QP25 Lossy Lossy Lossy None 39.19:353 Huffman Lossless Lossless Lossless 1:16 1.00:7.9 ImageMarlin Lossless Not available 1:8 1.00:2.5 JPEG XL Lossless Lossless Not available 1:16 64.00:963 JPEG-LS Lossless Lossless Lossless Lossless 1:16 6.87:14.6	CCSDS-122-POT	Not available	Not available	Not available	9:16	4.47:30.54
HEVC 0.250bps Lossy Lossy Lossy 1:1 65.54:239 HEVC lossless Lossless Lossless 1:16 0.89:100 HEVC QP25 Lossy Lossy Lossy None 39.19:353 Huffman Lossless Lossless Lossless 1:16 1.00:7.9 ImageMarlin Lossless Not available 1:8 1.00:2.5 JPEG XL Lossless Lossless Not available 1:16 64.00:963 JPEG-LS Lossless Lossless Lossless 1:16 6.87:14.4	FLIF	Lossless	Lossless	Not available	1:8	50.72:1820.44
HEVC losslessLosslessLossless1:160.89:100.0HEVC QP25LossyLossyLossyNone39.19:353HuffmanLosslessLosslessLossless1:161.00:7.9ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLossless1:166.87:14.4	FSE	Lossless	Lossless	Lossless	1:16	1.00:7.98
HEVC QP25LossyLossyLossyNone39.19:353HuffmanLosslessLosslessLossless1:161.00:7.9ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLossless1:166.87:14.4	HEVC 0.250bps	Lossy	Lossy	Lossy	1:1	65.54:239.88
HuffmanLosslessLosslessLossless1:161.00:7.9ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLossless1:166.87:14.6	HEVC lossless	Lossless	Lossless	Lossless	1:16	0.89:100.70
ImageMarlinLosslessNot availableNot available1:81.00:2.5JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLossless1:166.87:14.6	HEVC QP25	Lossy	Lossy	Lossy	None	39.19:353.87
JPEG XLLosslessLosslessNot available1:1664.00:963JPEG-LSLosslessLosslessLossless1:166.87:14.4	Huffman	Lossless	Lossless	Lossless	1:16	1.00:7.97
JPEG-LS Lossless Lossless 1:16 6.87:14.4	ImageMarlin	Lossless	Not available	Not available	1:8	1.00:2.52
	JPEG XL	Lossless	Lossless	Not available	1:16	64.00:963.76
V	JPEG-LS	Lossless	Lossless	Lossless	1:16	6.87:14.45
Kakadu lossiess Lossiess Lossiess Lossiess 1:16 53.02:235	Kakadu lossless	Lossless	Lossless	Lossless	1:16	53.02:235.74
Kakadu lossy Lossy Lossy None 56.50:524	Kakadu lossy	Lossy	Lossy	Lossy	None	56.50:524.29
Kakadu HT lossless Lossless Lossless 1:16 3.28:71.0	Kakadu HT lossless	Lossless	Lossless	Lossless	1:16	3.28:71.80
Kakadu HT lossy Lossy Lossy None 4.16:478.	Kakadu HT lossy	Lossy	Lossy	Lossy	None	4.16:478.36
Kakadu MCT lossless Lossless Lossless 1:16 45.39:188	Kakadu MCT lossless	Lossless	Lossless	Lossless	1:16	45.39:188.86
Kakadu MCT lossy Lossy Lossy Lossy None 29.20:186	Kakadu MCT lossy	Lossy	Lossy	Lossy	None	29.20:186.71
Kakadu MCT HT lossless Lossless Lossless Lossless 1:16 3.24:70.0	Kakadu MCT HT lossless	Lossless	Lossless	Lossless	1:16	3.24:70.08
Kakadu MCT HT lossy Lossy Lossy Lossy None 2.90:162.	Kakadu MCT HT lossy	Lossy	Lossy	Lossy	None	2.90:162.62
LZ77Huff 5 Lossless Lossless Lossless 1:16 1.10:900.	LZ77Huff 5	Lossless	Lossless	Lossless	1:16	1.10:900.22
LZMA 5 Lossless Lossless Lossless 1:16 1.56:1024	LZMA 5	Lossless	Lossless	Lossless	1:16	1.56:1024.00
M-CALIC Not available Not available 9:15 14.08:294	M-CALIC	Not available	Not available	Not available	9:15	14.08:294.41