

Cytometer Baseline Report

Cytometer: FACSriaII
 Cytometer Name: FACSriaII
 Serial Number: PO249
 Input Device: Manual
 Cytometer Configuration: 100 microns Standard

User: Administrator
 Institution: N/A
 Software: BD FACSDiva 6.1.3
 Date: 10/27/2014 02:44 PM

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
 Lot ID: 91725, Expiration Date: 04/30/2016
 Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead % Robust CV	Mid Bead Median Channel	Mid Bead %Robust CV	Dim Bead Median Channel	Dim Bead %Robust CV
Blue	FSC	FSC	413	125000	N/A	3.55	128656	3.5	18519	9.93
Blue	F	SSC	376	125000	N/A	5.82	123145	5.76	65645	4.48
Blue	E	FITC	644	44009	N/A	3.73	2175	10.12	252	33.51
Blue	D	PE	593	50740	N/A	3.89	2082	12.41	419	32.27
Blue	C	PE-Texas Red	713	49540	N/A	4.81	1965	18.75	424	40.43
Blue	B	PerCP-Cy5-5	837	126307	N/A	5.27	4498	22.74	504	69.72
Blue	A	PE-Cy7	818	137287	N/A	6.86	2674	38.33	117	202.5
Red	B	APC	707	151877	N/A	3.46	8872	9.5	615	35.16
Red	A	APC-Cy7	692	194067	N/A	4.32	6154	12.62	353	51.81

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0039	3.5	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.4319	-14.0	N/A	N/A	N/A
Blue	E	FITC	368	227661	7.5077	-16.4	46.6	0.0206	0
Blue	D	PE	507	229528	7.4628	-16.0	44.5	0.0772	62
Blue	C	PE-Texas Red	260	223195	7.5220	-16.8	47.6	0.0052	0
Blue	B	PerCP-Cy5-5	228	222822	7.5433	-16.9	51.9	0.0033	29
Blue	A	PE-Cy7	200	180507	7.7691	-17.5	51.9	0.0053	11
Red	B	APC	753	183565	7.5232	-16.3	48.8	0.0146	0
Red	A	APC-Cy7	288	150704	7.6099	-16.3	47.7	0.0015	0

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Specifications

Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Laser Settings

Laser	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Red	-32.68	-32.30	1.32
Blue	0.00	0.00	1.43

Window Extension: 2.00
FSC Area Scaling Factor: 1.13

Threshold

Threshold (FSC): 10119

Fluidics

Sheath Pressure: 24.76 Sample Pressure: 23.93
Nozzle Size: 100

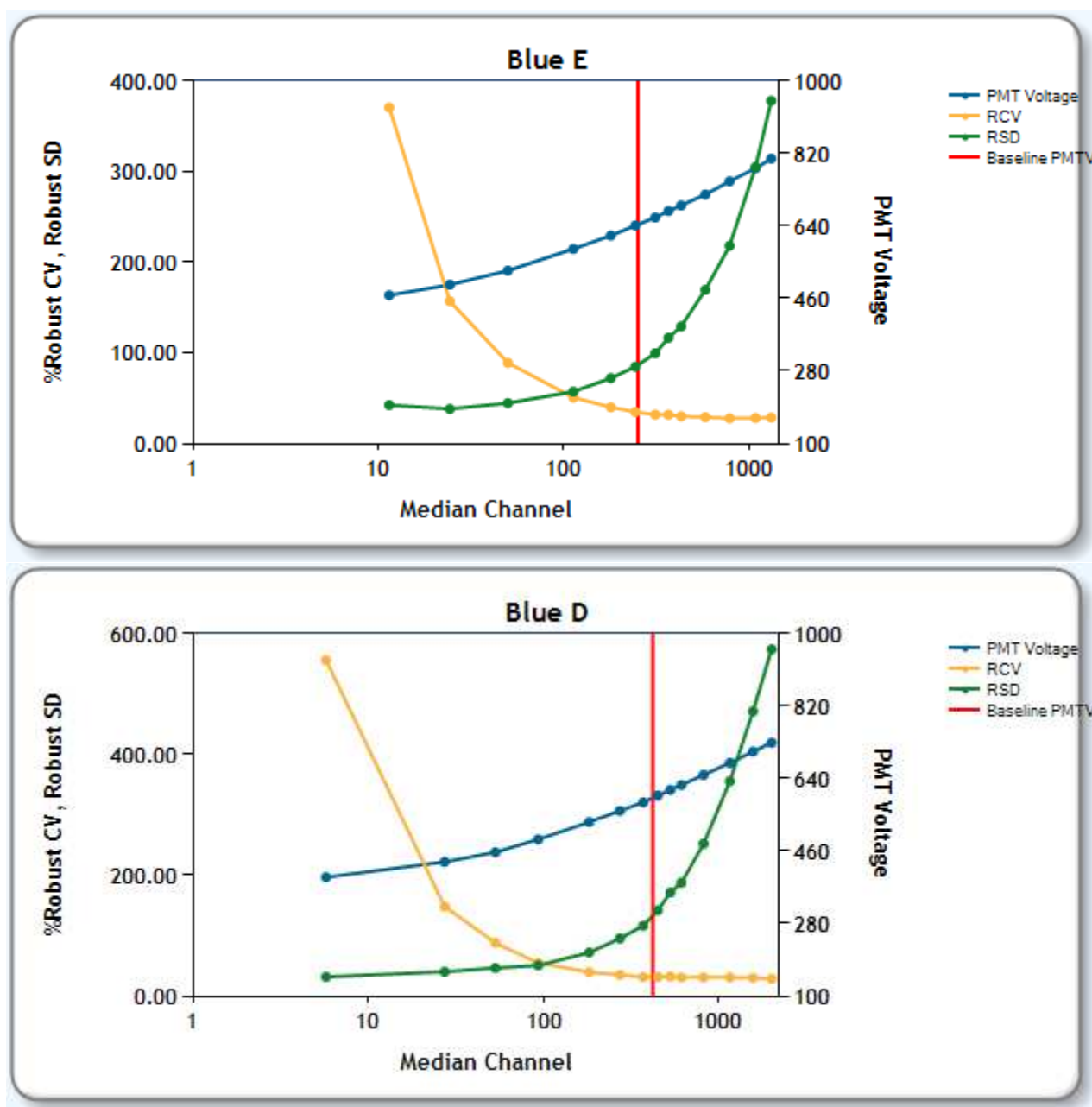
Comments

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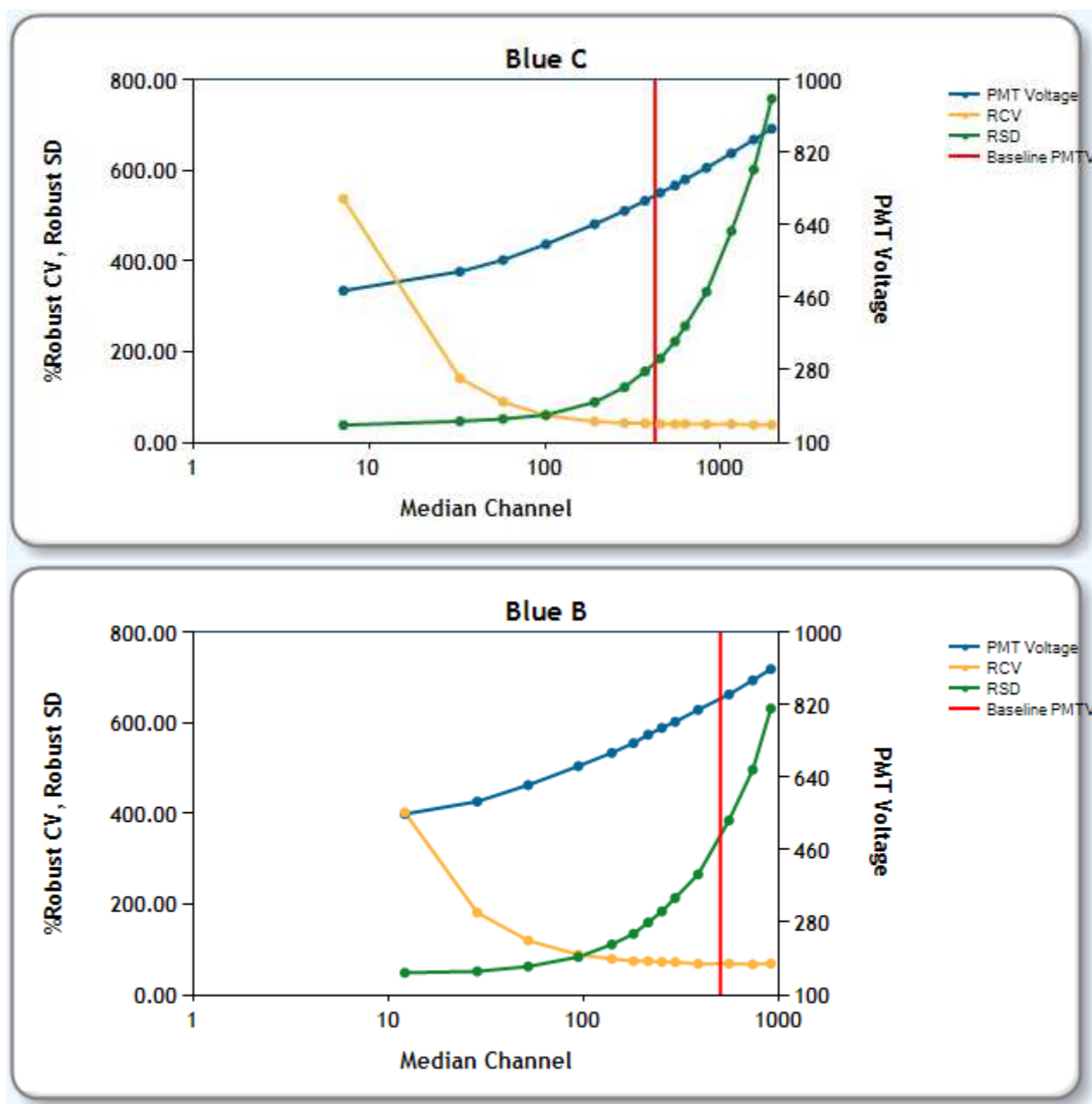
PMTV Optimization Results



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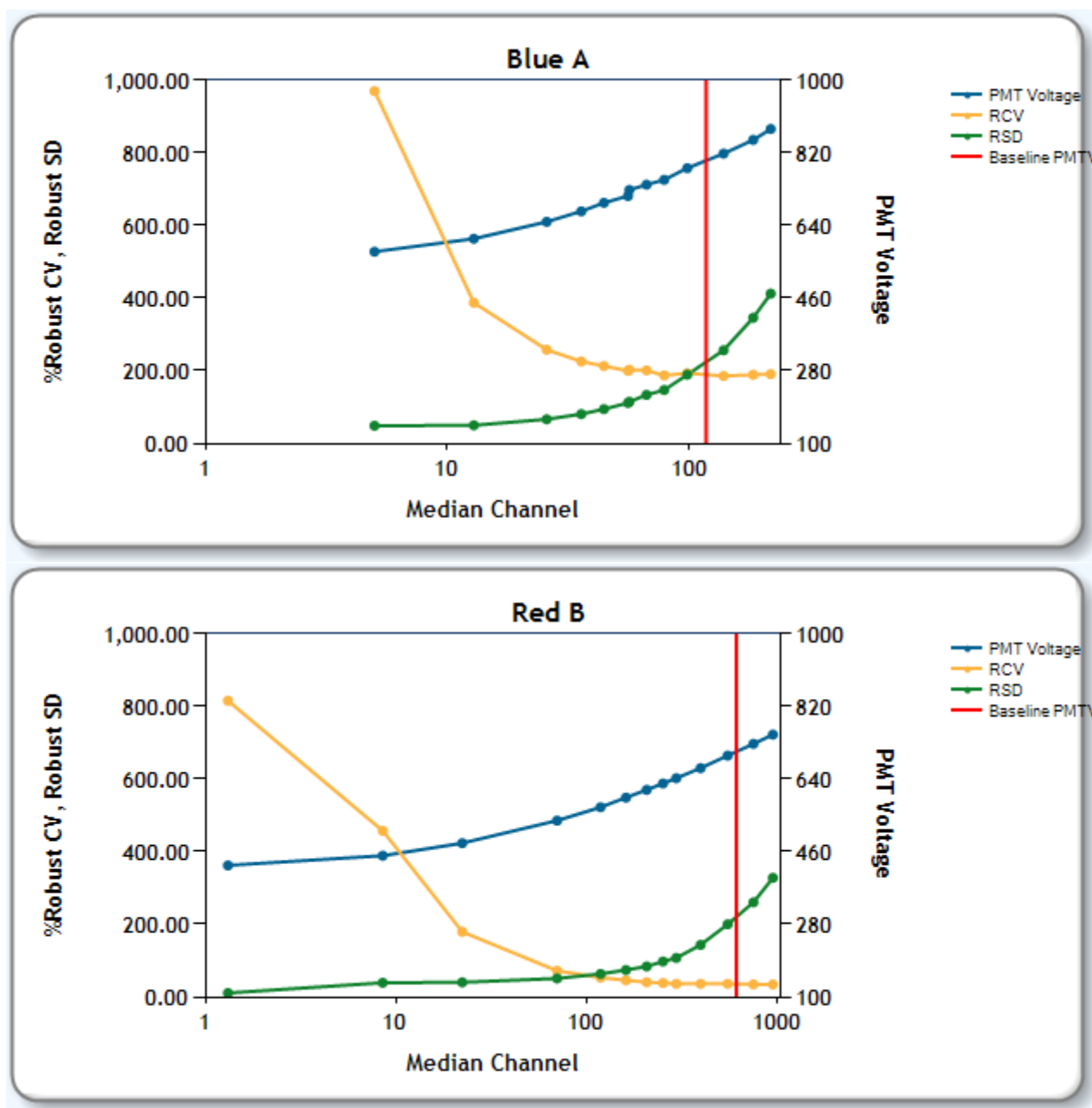
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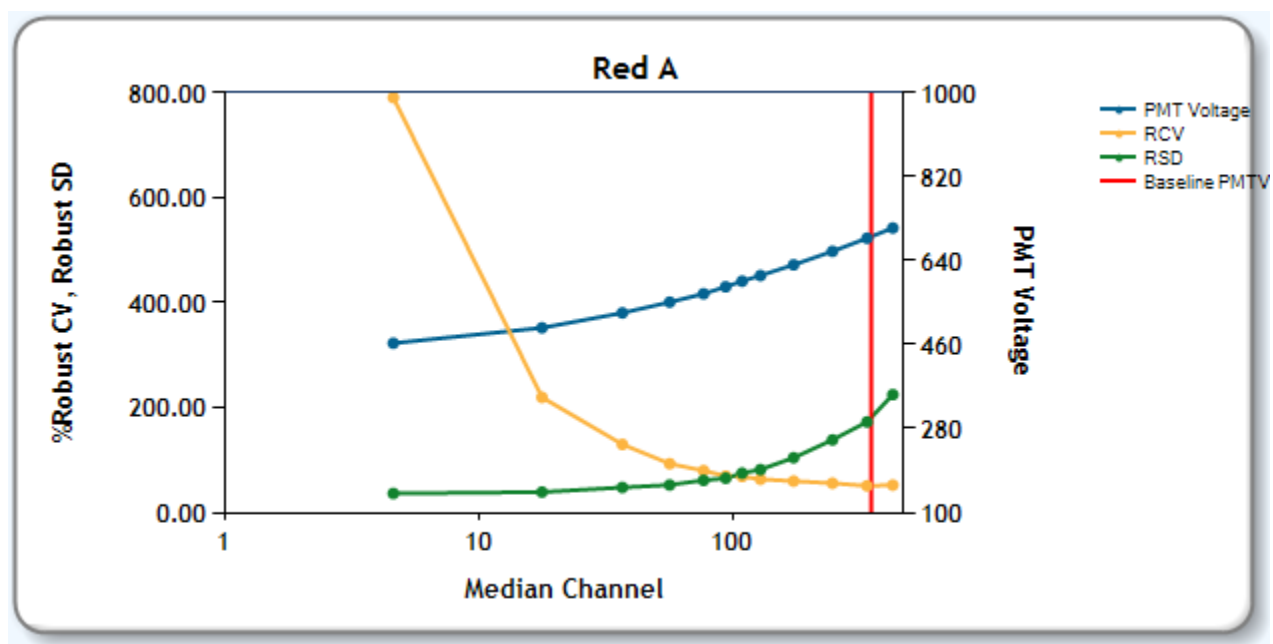
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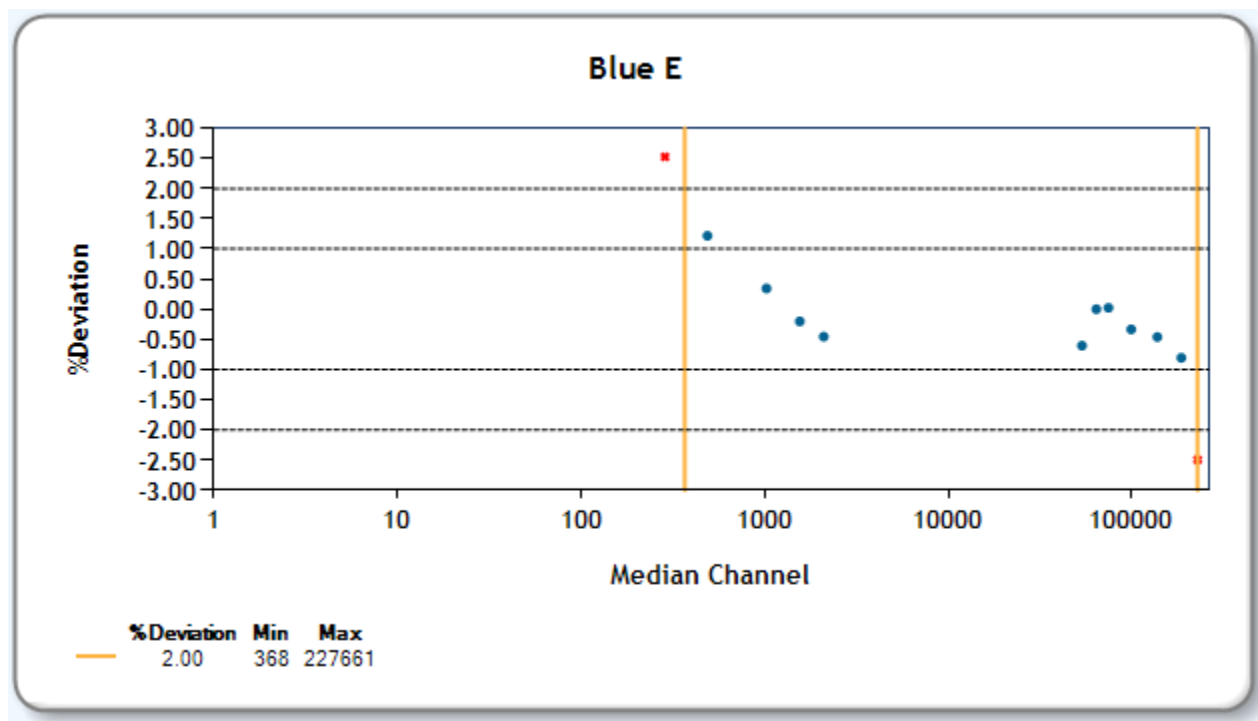


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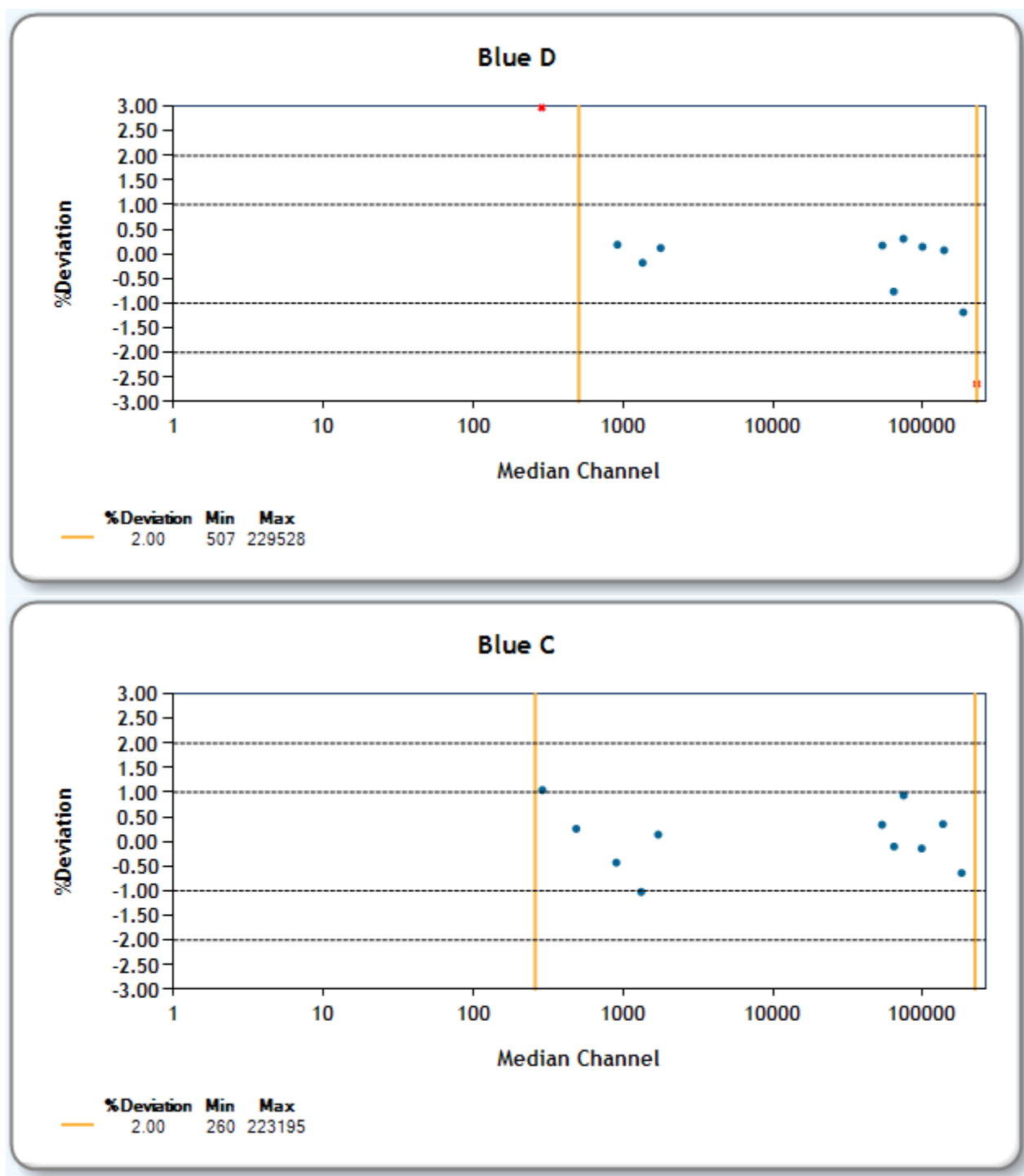
Linearity Results



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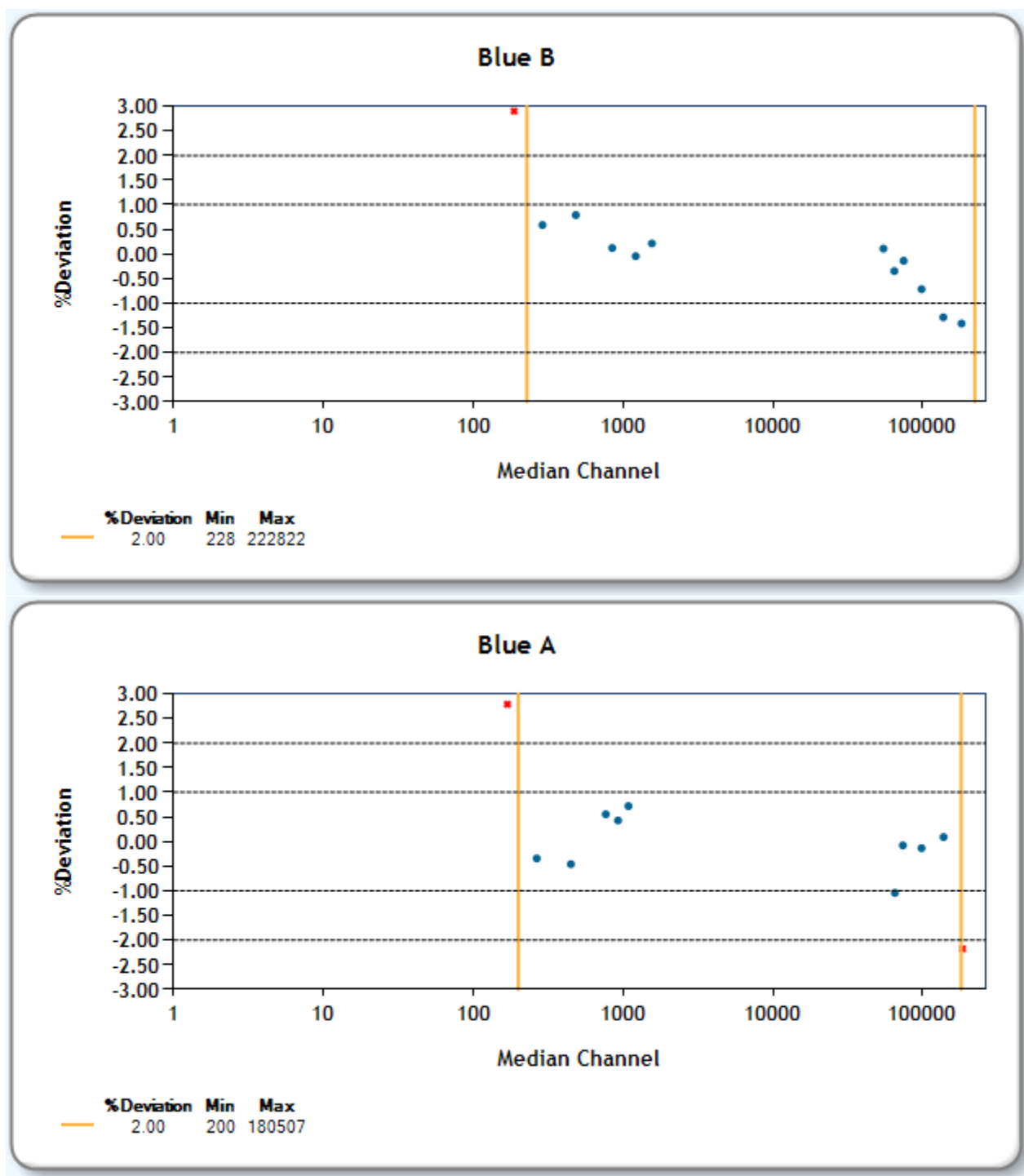
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