



**Conducted Spurious Emission for SA****Test Result**

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	0.009	0.15	-70.97	≤-43dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	-67.90	≤-33dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	30	1000	-65.47	≤-23dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	-30.08	≤-13dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	3000	12000	-39.16	≤-13dBm	PASS
n66	15	5	DFT-QPSK	L	Edge_1RB_L eft	12000	20000	-67.87	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	-69.34	≤-43dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	-67.71	≤-33dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	30	1000	-65.36	≤-23dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	1000	3000	-58.54	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	3000	12000	-39.15	≤-13dBm	PASS
n66	15	5	DFT-QPSK	M	Edge_1RB_L eft	12000	20000	-67.94	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	0.009	0.15	-69.83	≤-43dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	0.15	30	-66.75	≤-33dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	30	1000	-65.07	≤-23dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	1000	3000	-51.08	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	3000	12000	-38.37	≤-13dBm	PASS
n66	15	5	DFT-QPSK	H	Edge_1RB_L eft	12000	20000	-67.98	≤-13dBm	PASS
n66	15	10	DFT-	L	Edge_1RB_L	0.009	0.15	-	≤-	PASS


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			QPSK		eft			70.4 6	43dB m	
n66	15	10	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	- 67.6 5	≤- 33dB m	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_L eft	30	1000	- 64.6 4	≤- 23dB m	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	- 34.0 3	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_L eft	3000	12000	- 39.2 9	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	L	Edge_1RB_L eft	12000	20000	- 67.7 3	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	- 70.5 0	≤- 43dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	- 66.1 0	≤- 33dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	30	1000	- 64.5 1	≤- 23dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	1000	3000	- 58.3 5	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	3000	12000	- 38.8 7	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	M	Edge_1RB_L eft	12000	20000	- 67.7 7	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	0.009	0.15	- 67.9 8	≤- 43dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	0.15	30	- 65.9 3	≤- 33dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	30	1000	- 65.4 2	≤- 23dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	1000	3000	- 56.0 1	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	3000	12000	- 38.2 2	≤- 13dB m	PASS
n66	15	10	DFT-QPSK	H	Edge_1RB_L eft	12000	20000	- 68.0 6	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_L eft	0.009	0.15	- 68.7 1	≤- 43dB m	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	- 66.1 8	≤- 33dB m	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_L eft	30	1000	- 64.9 2	≤- 23dB m	PASS
n66	15	15	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	- 38.1 6	≤- 13dB m	PASS


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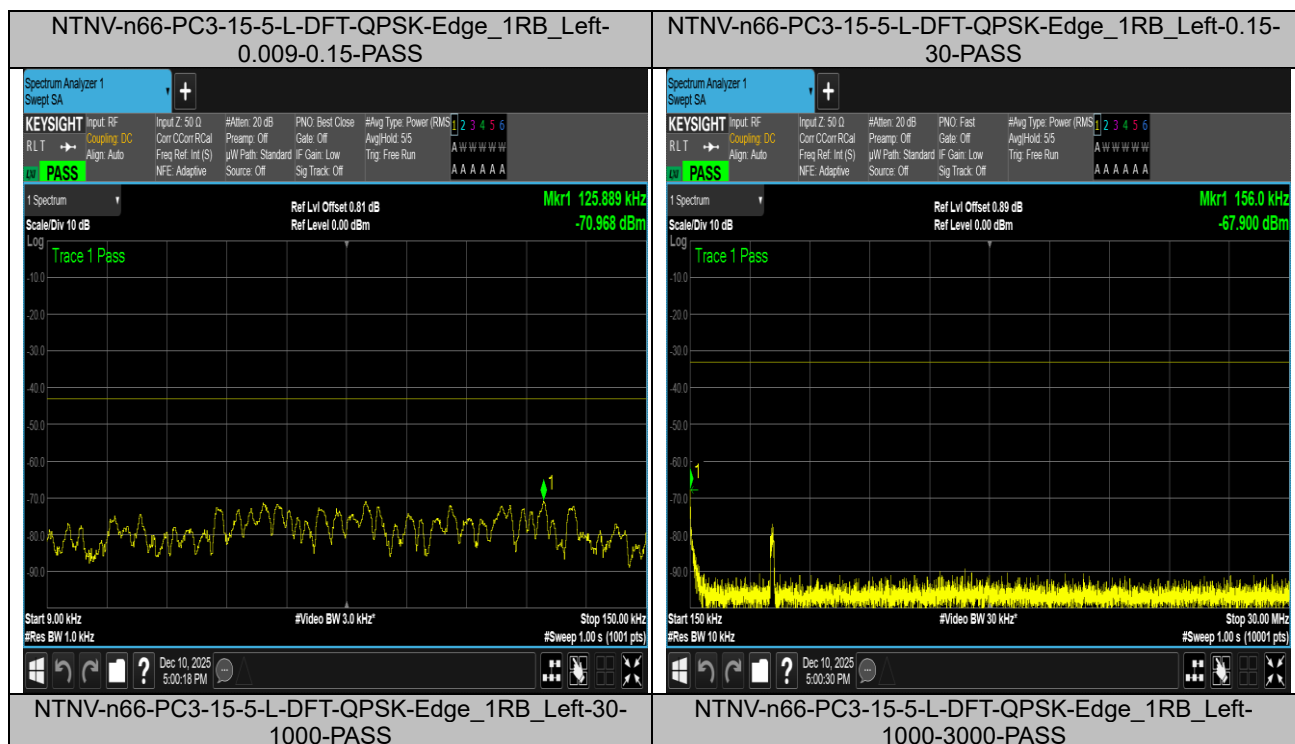
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n66	15	15	DFT-QPSK	L	Edge_1RB_L eft	12000	20000	- 68.0 0	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	- 70.0 9	≤- 43dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	- 67.1 6	≤- 33dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	30	1000	- 65.0 5	≤- 23dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	1000	3000	- 58.3 8	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	3000	12000	- 39.5 4	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	M	Edge_1RB_L eft	12000	20000	- 67.9 0	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	0.009	0.15	- 68.4 6	≤- 43dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	0.15	30	- 67.8 1	≤- 33dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	30	1000	- 65.2 5	≤- 23dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	1000	3000	- 58.3 9	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	3000	12000	- 38.4 3	≤- 13dB m	PASS
n66	15	15	DFT-QPSK	H	Edge_1RB_L eft	12000	20000	- 67.8 4	≤- 13dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	0.009	0.15	- 70.5 0	≤- 43dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	- 67.2 5	≤- 33dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	30	1000	- 64.7 5	≤- 23dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	- 40.7 2	≤- 13dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	3000	12000	- 39.0 6	≤- 13dB m	PASS
n66	15	20	DFT-QPSK	L	Edge_1RB_L eft	12000	20000	- 67.1 8	≤- 13dB m	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	- 70.5 3	≤- 43dB m	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	- 66.9	≤- 33dB	PASS



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n66	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-65.22	≤-23dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-58.40	≤-13dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-38.98	≤-13dBm	PASS
n66	15	20	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-68.08	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-70.75	≤-43dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-67.83	≤-33dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-65.14	≤-23dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-58.34	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-38.83	≤-13dBm	PASS
n66	15	20	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-68.29	≤-13dBm	PASS

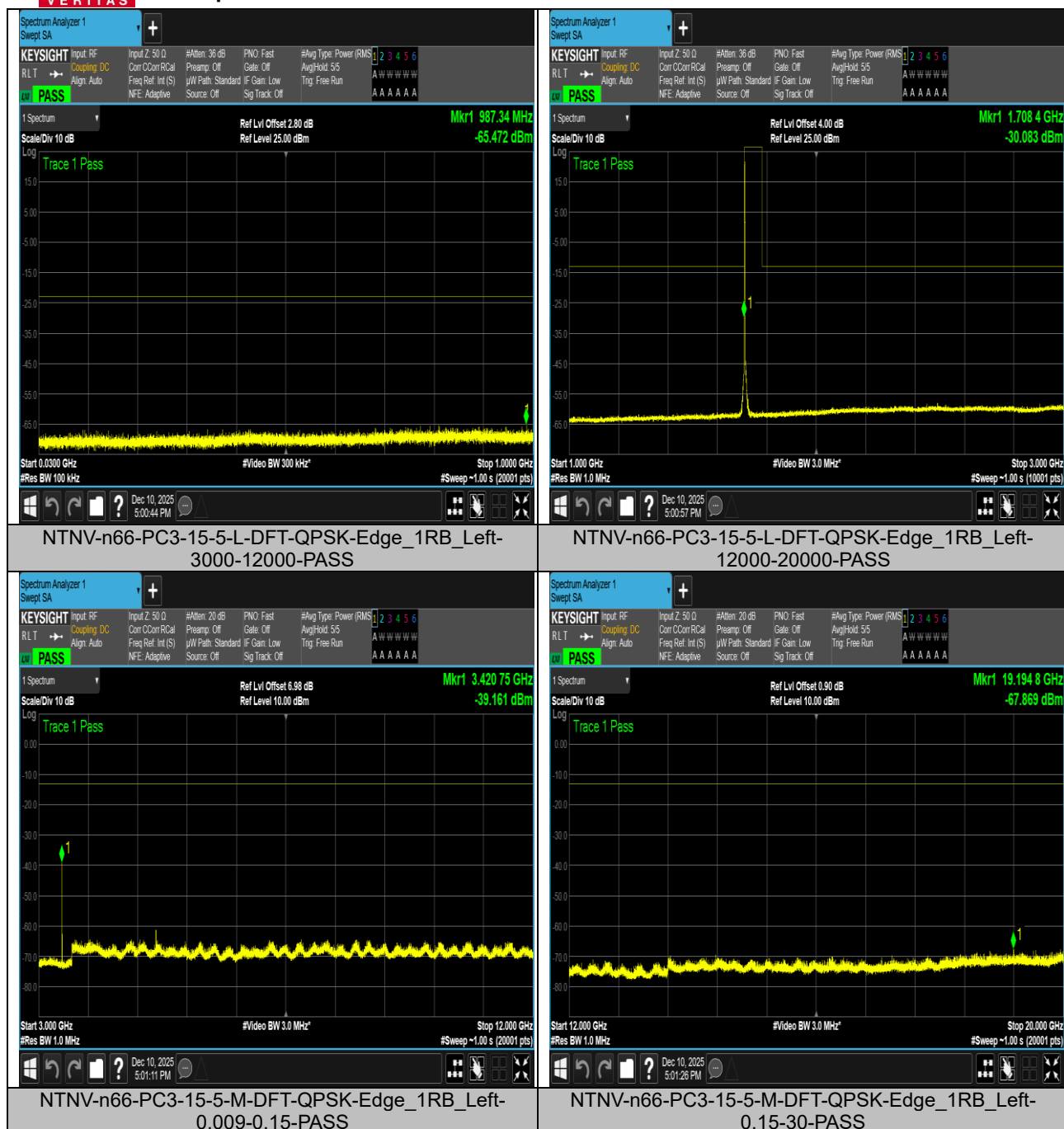
Test Graphs





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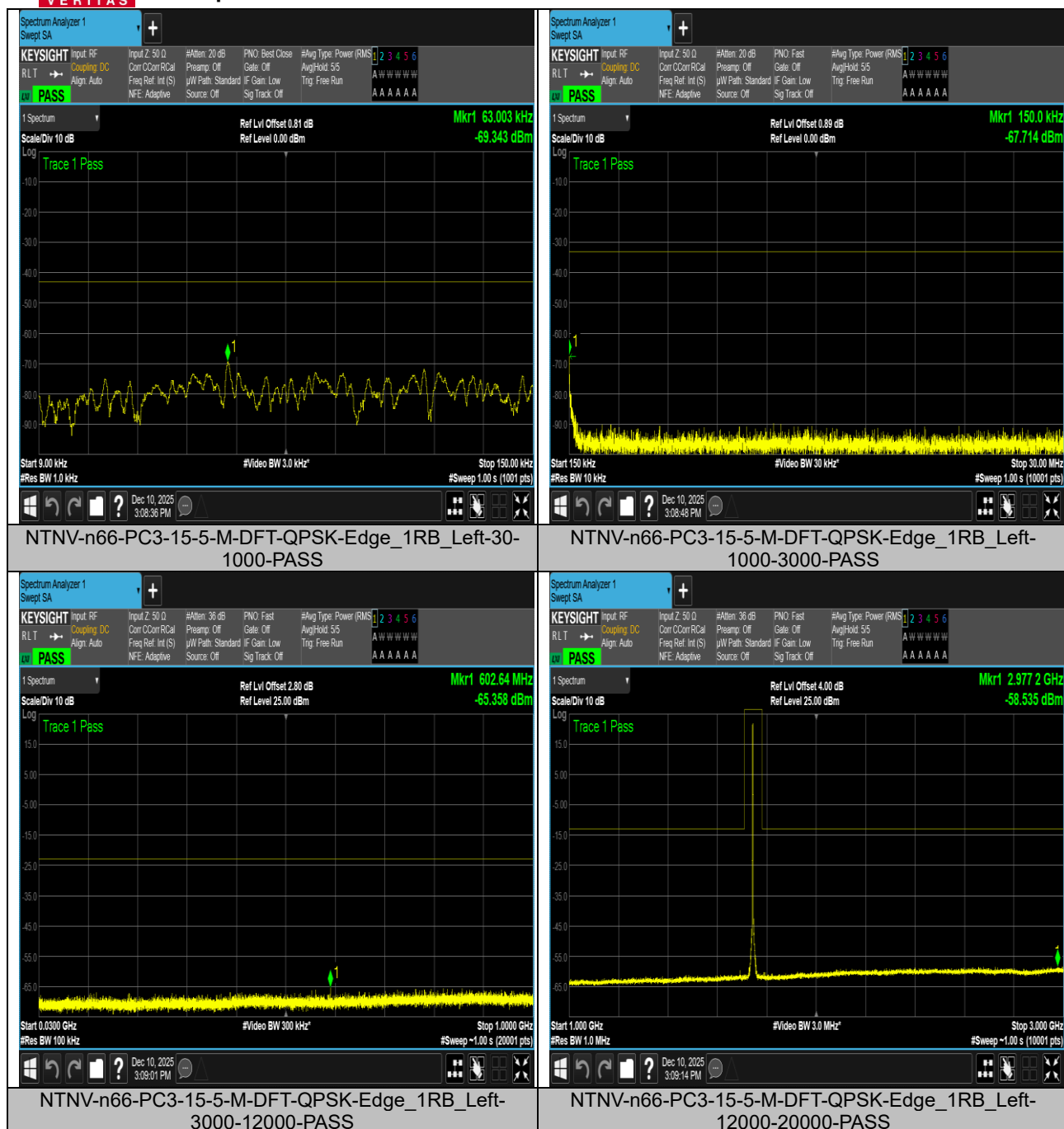
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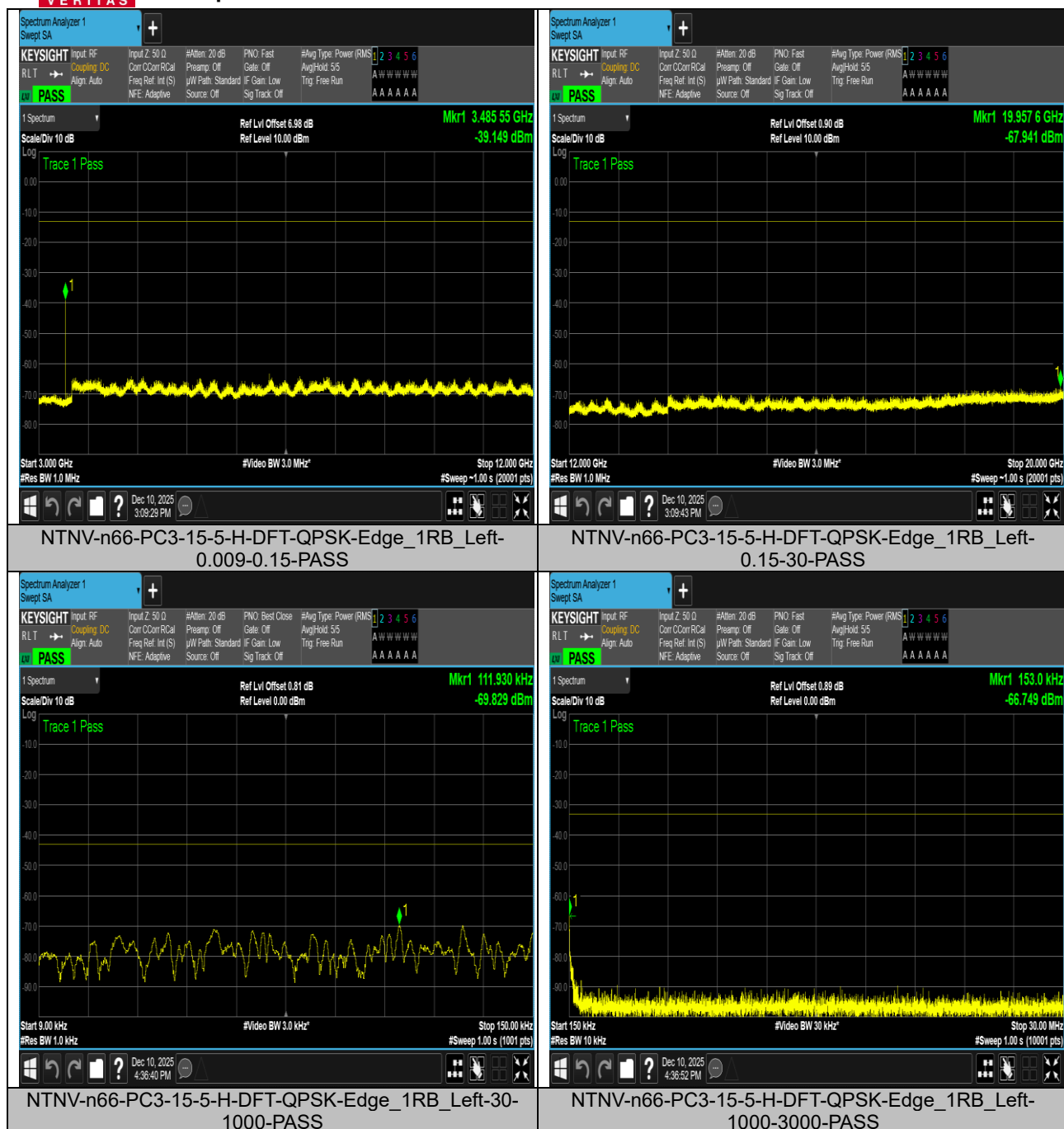
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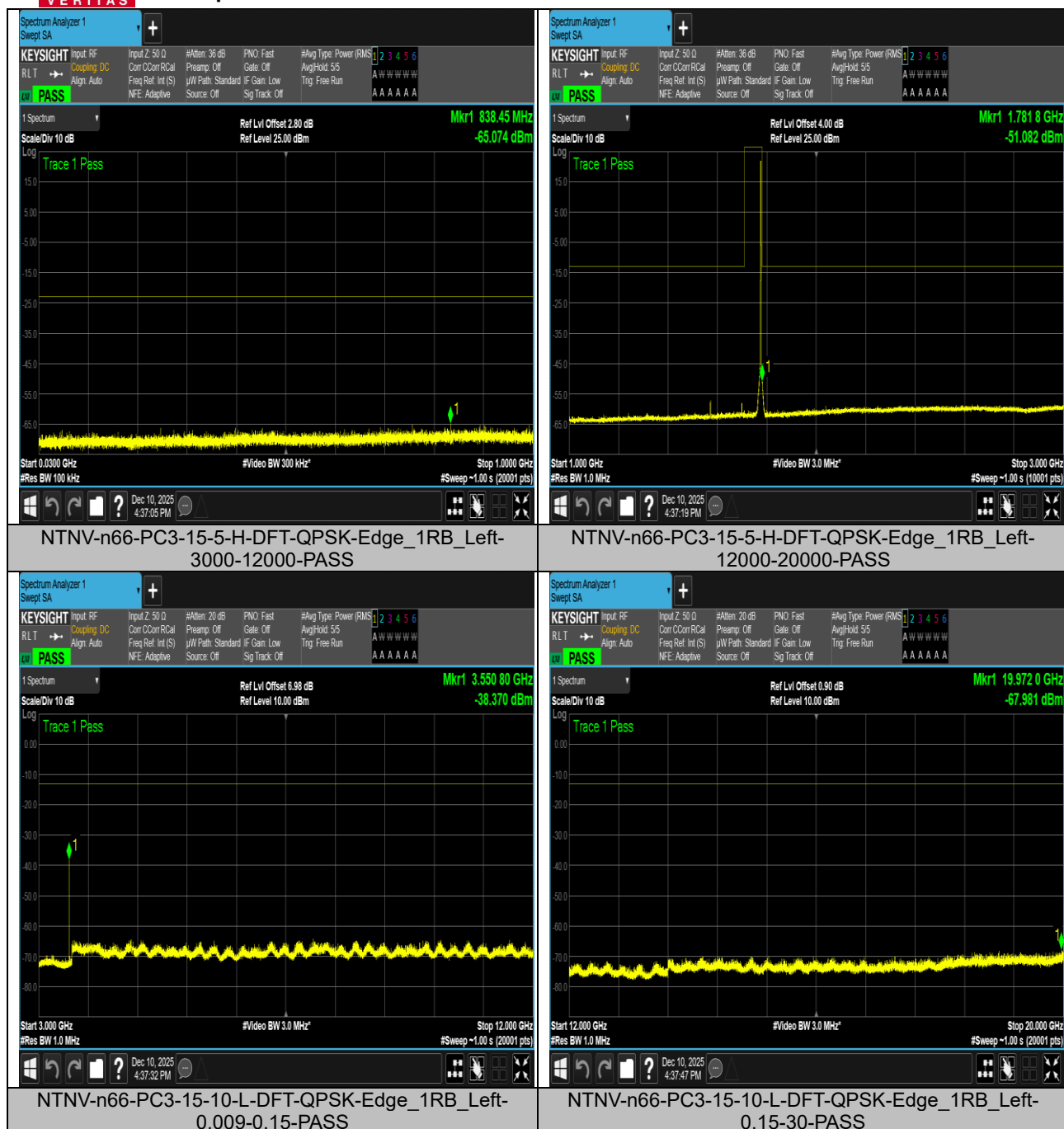




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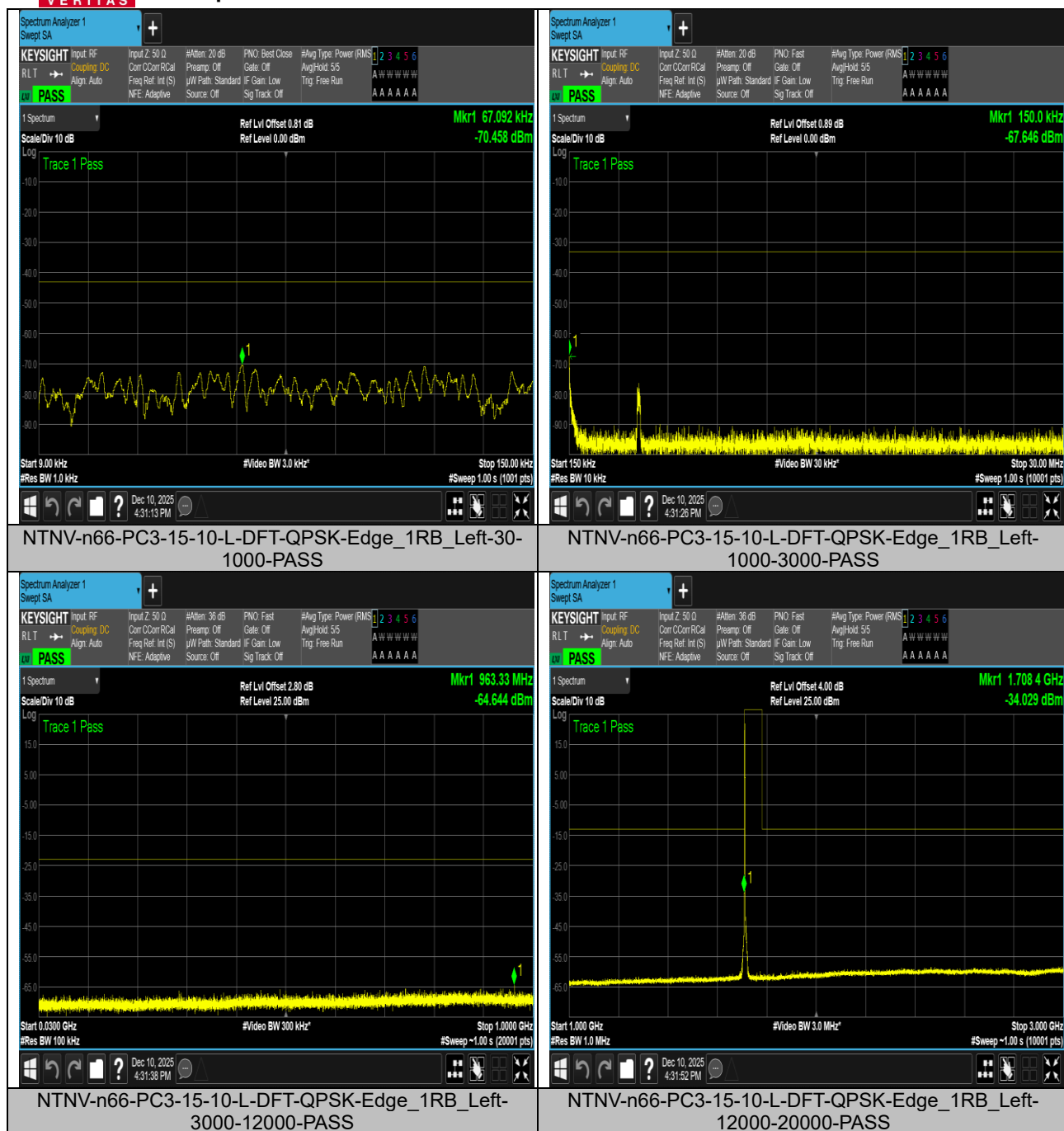






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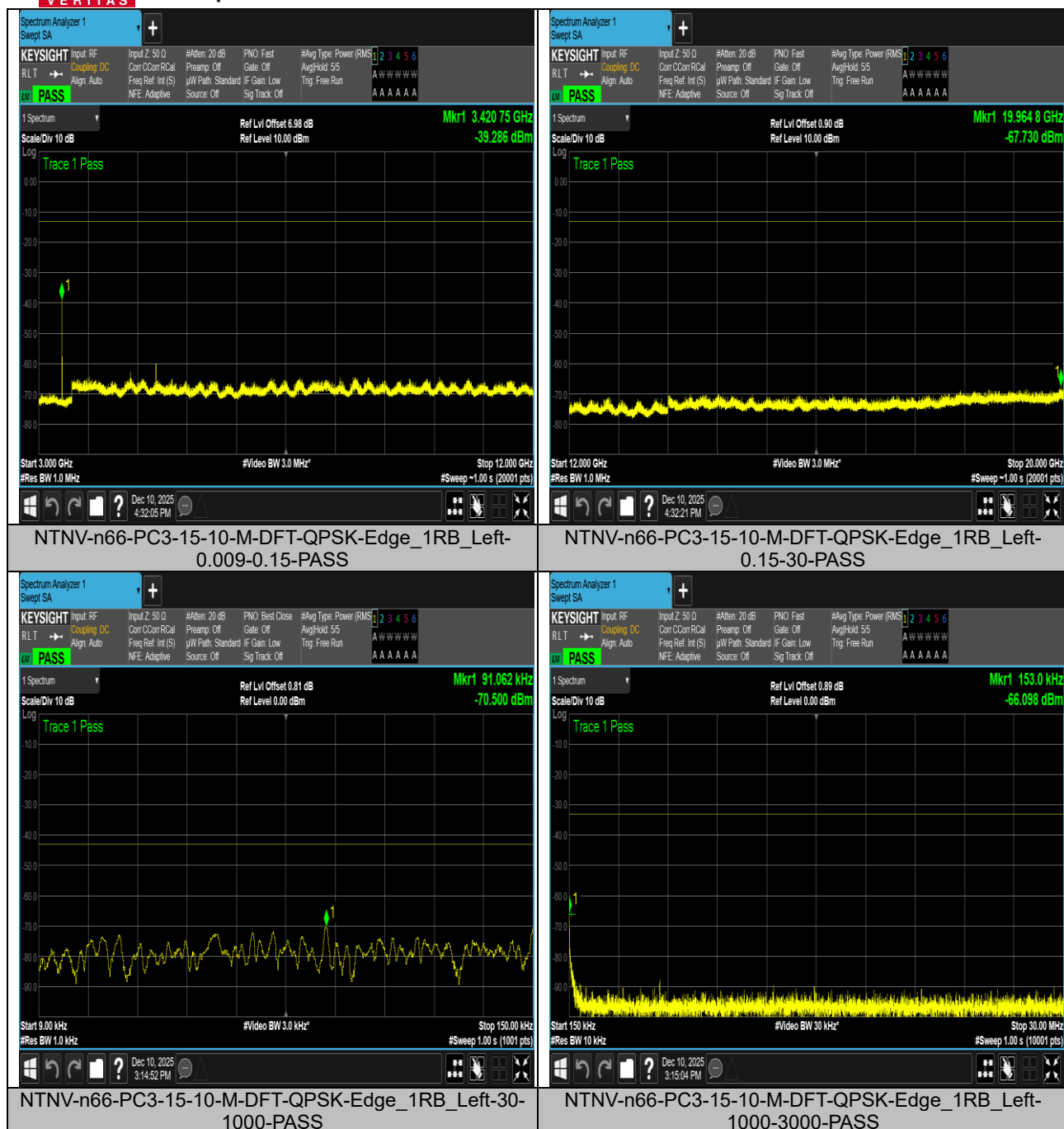
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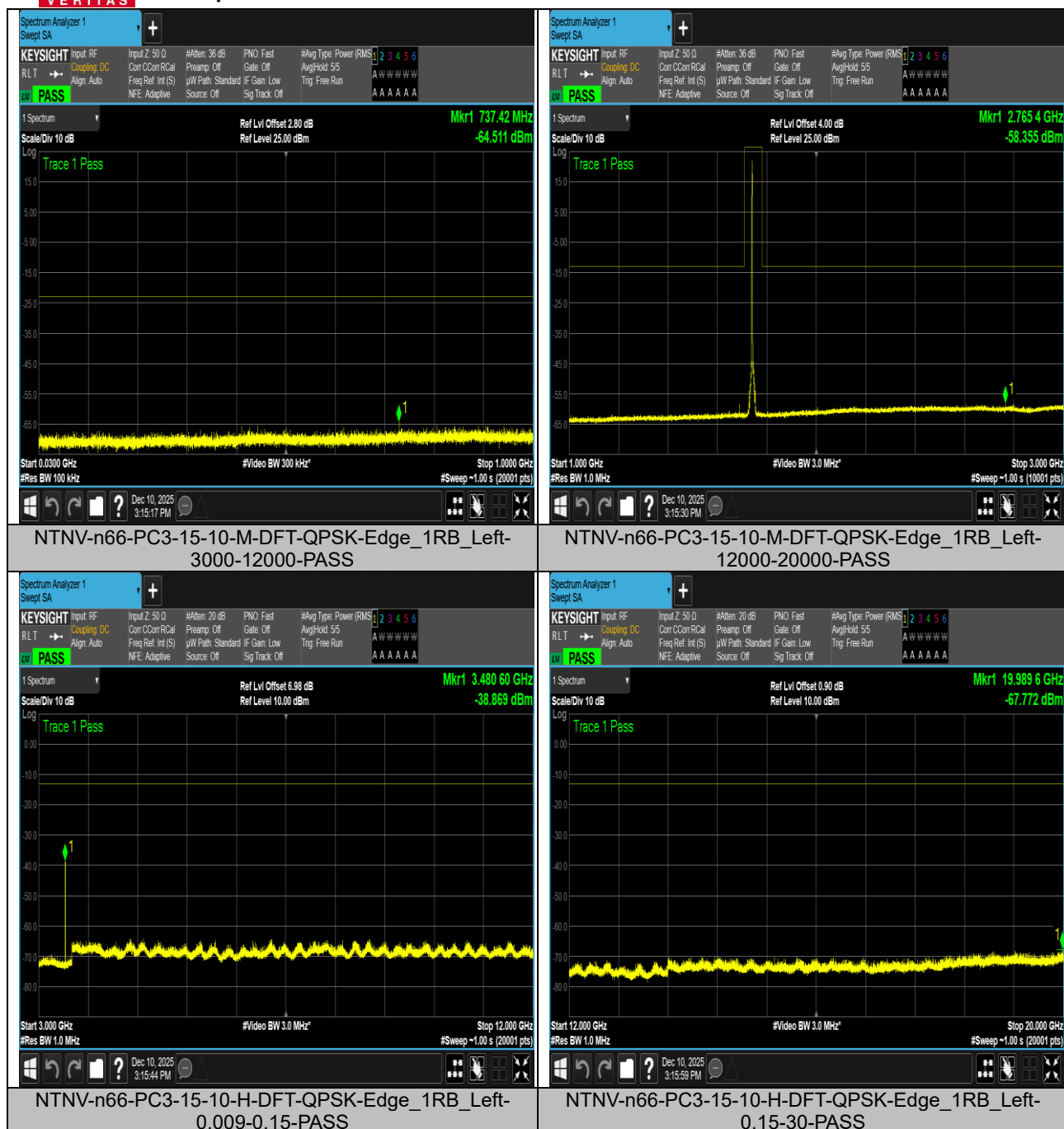
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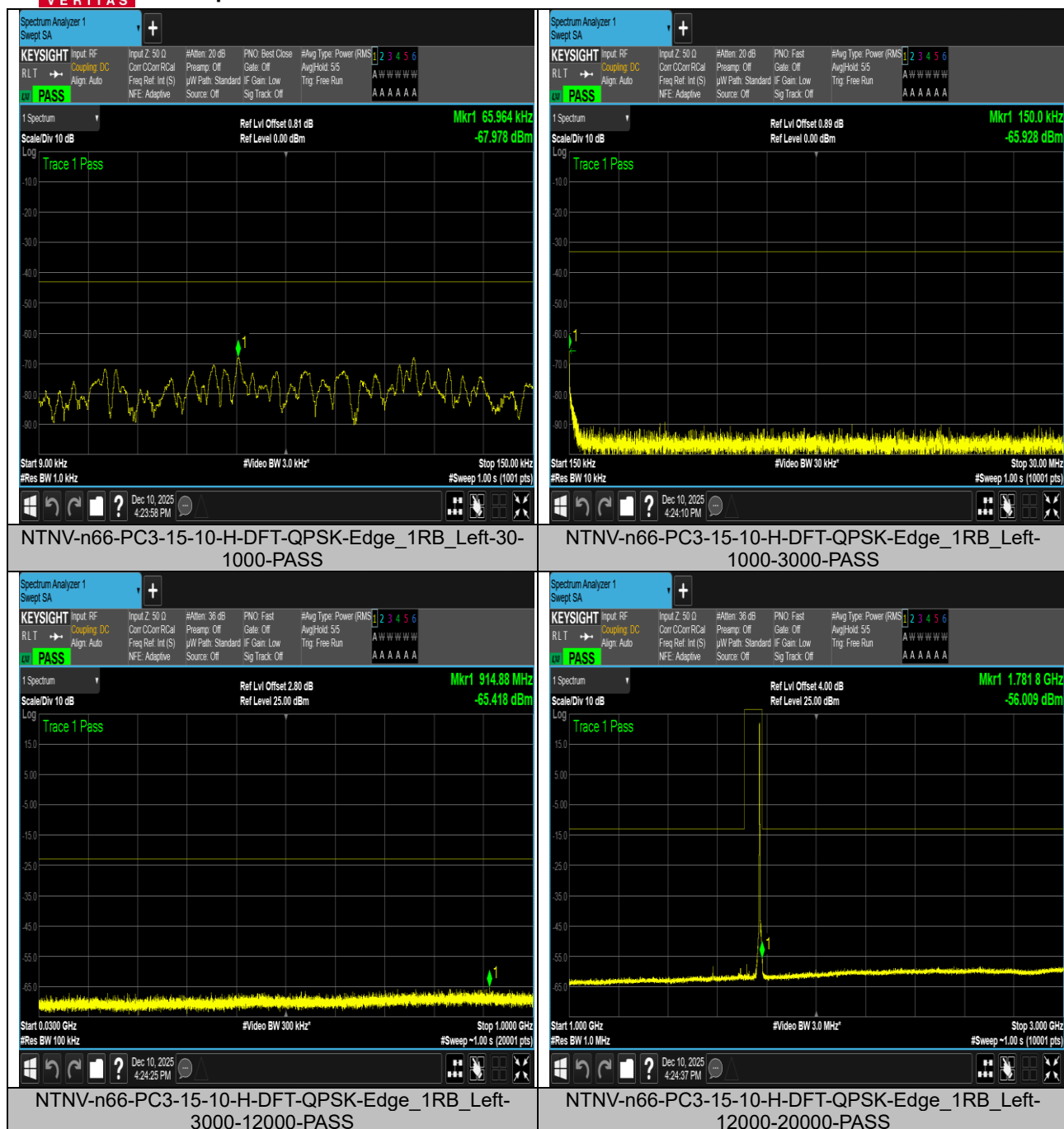
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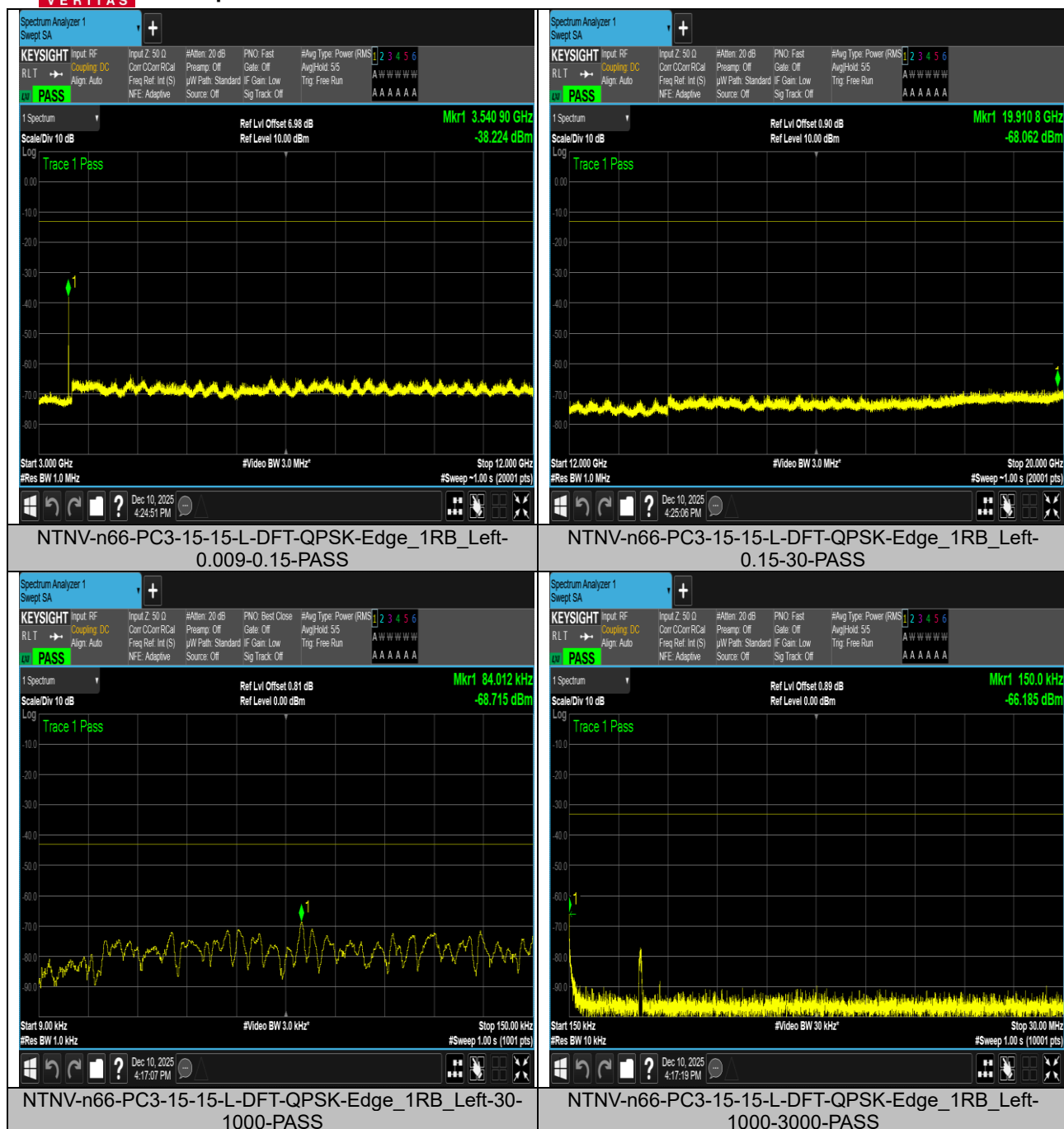
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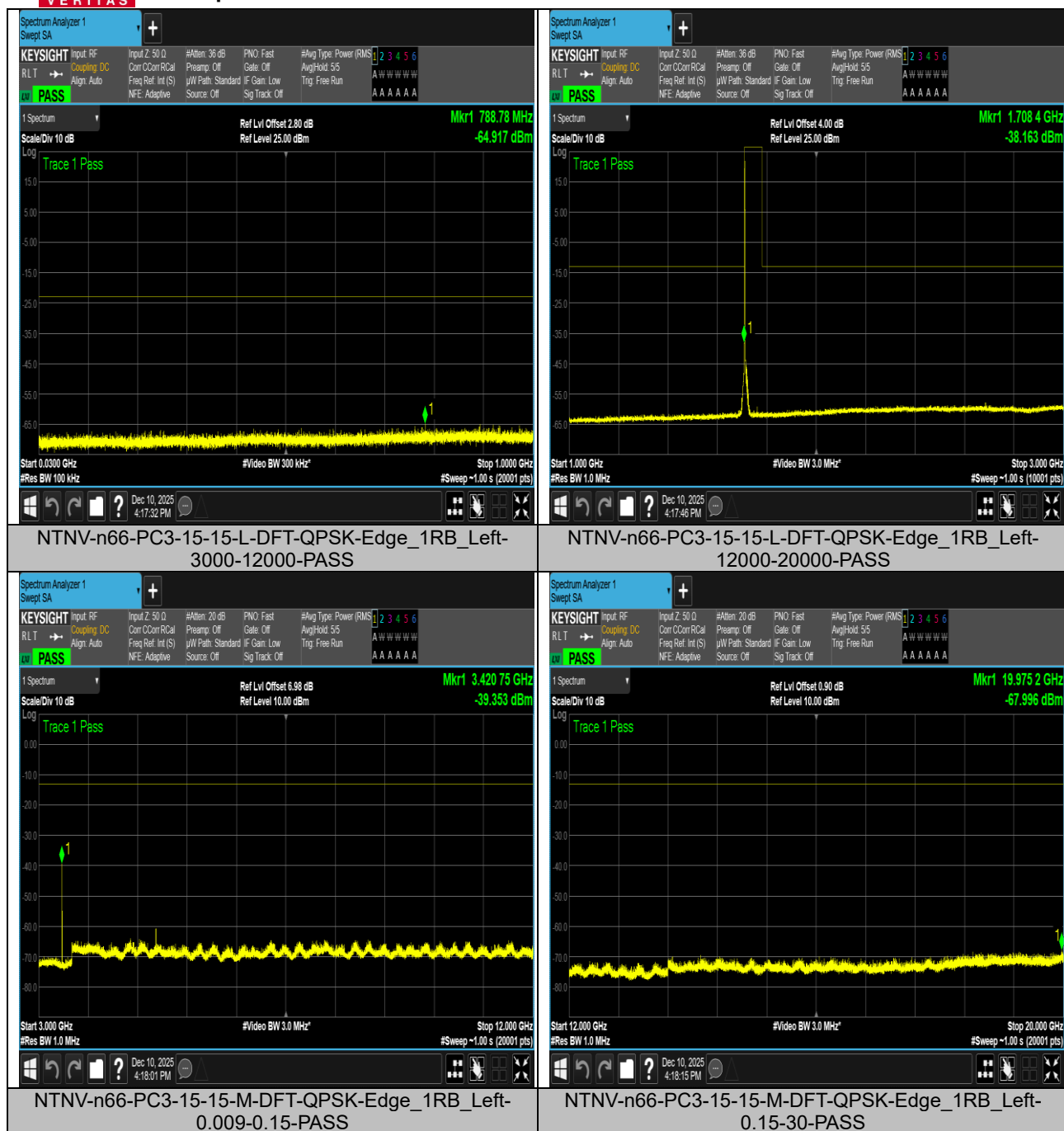
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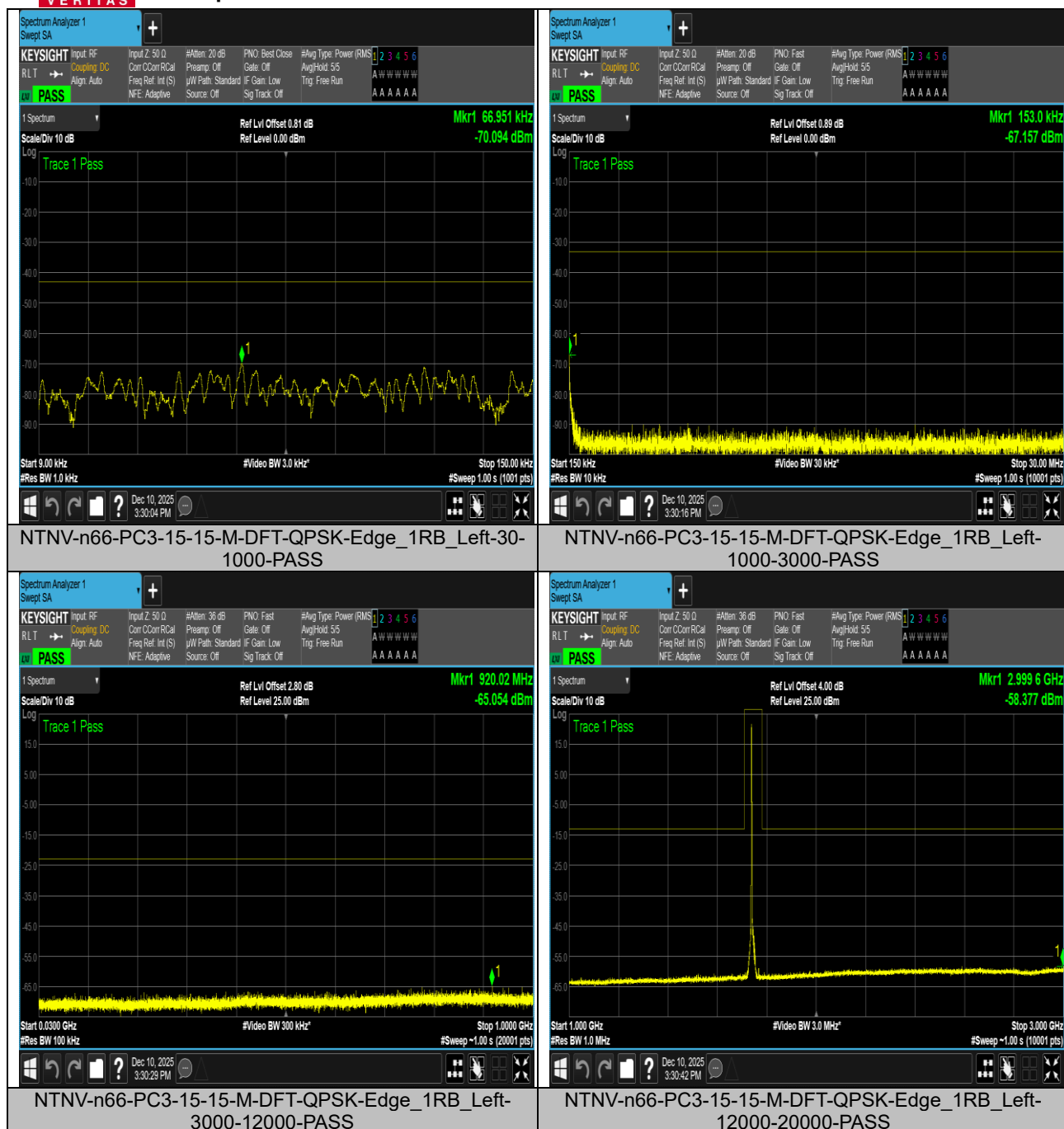
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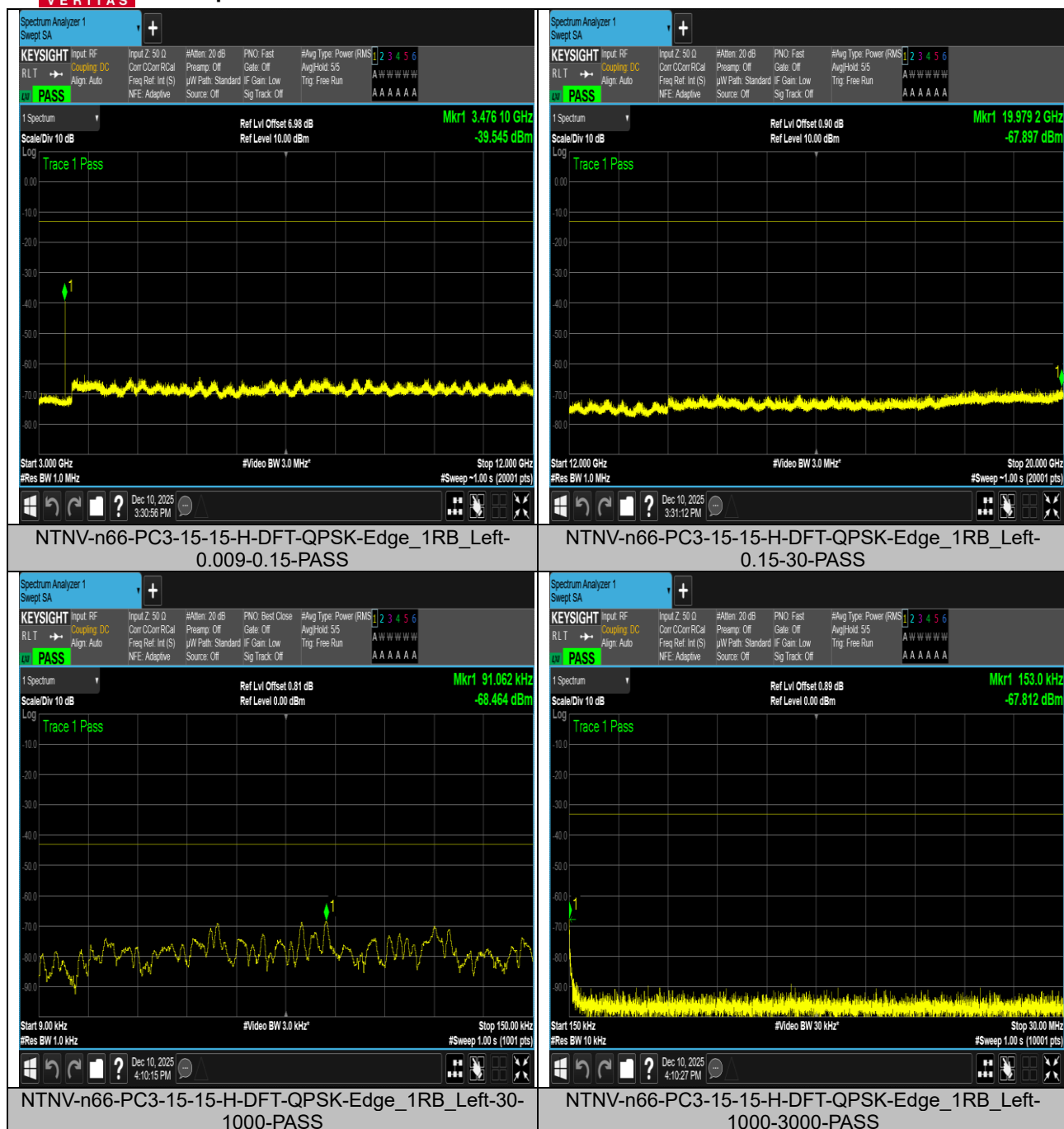
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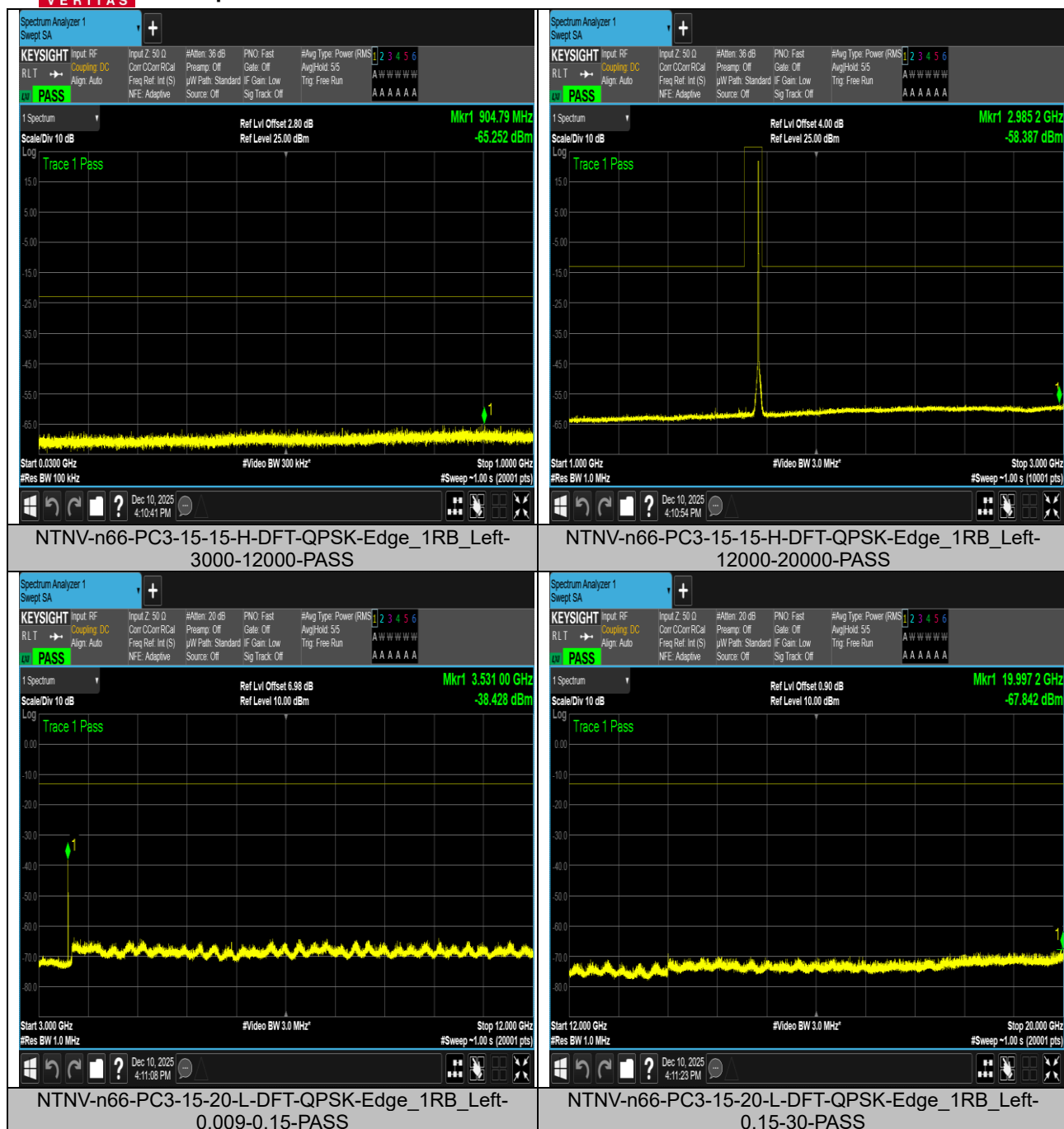
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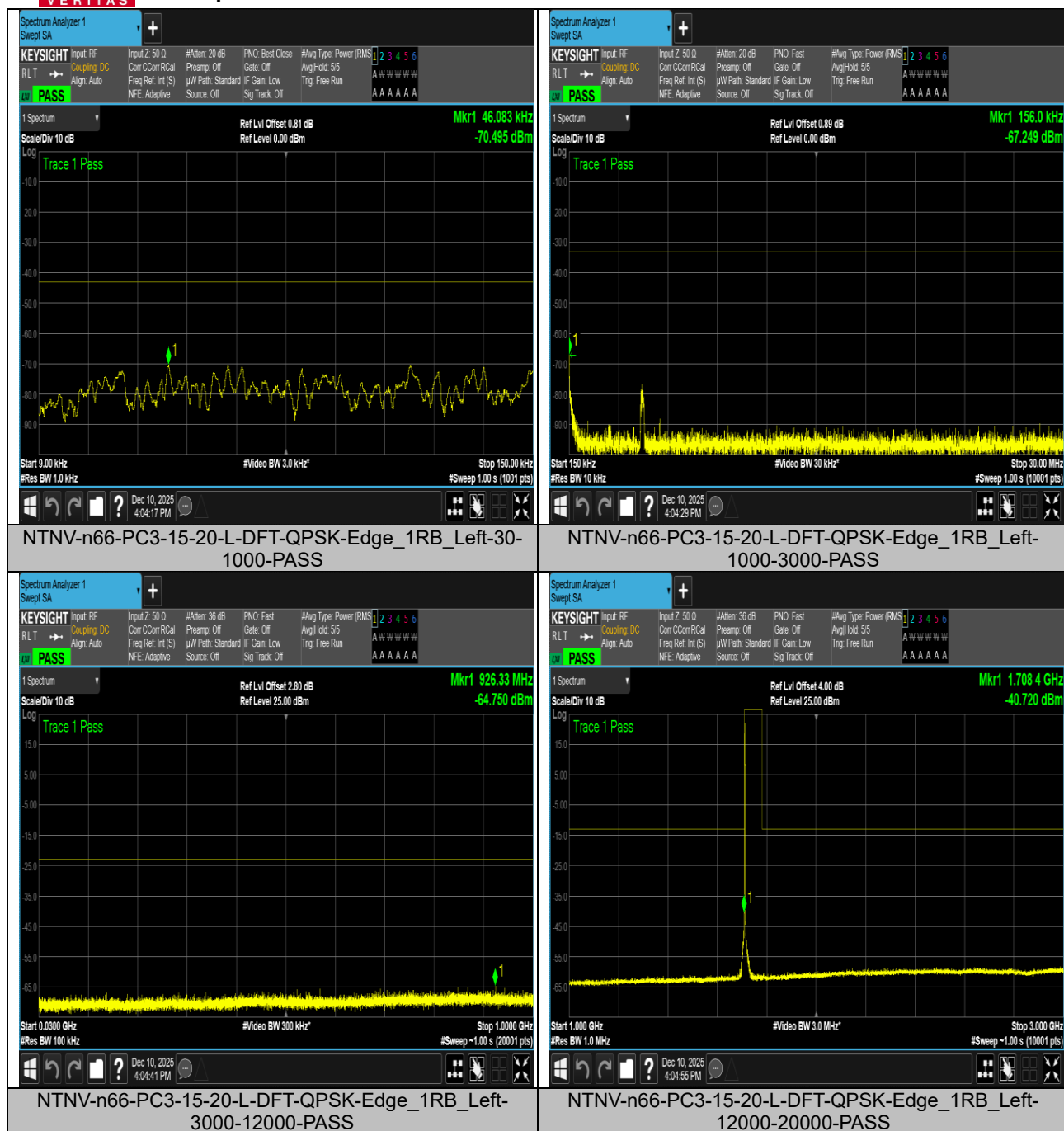
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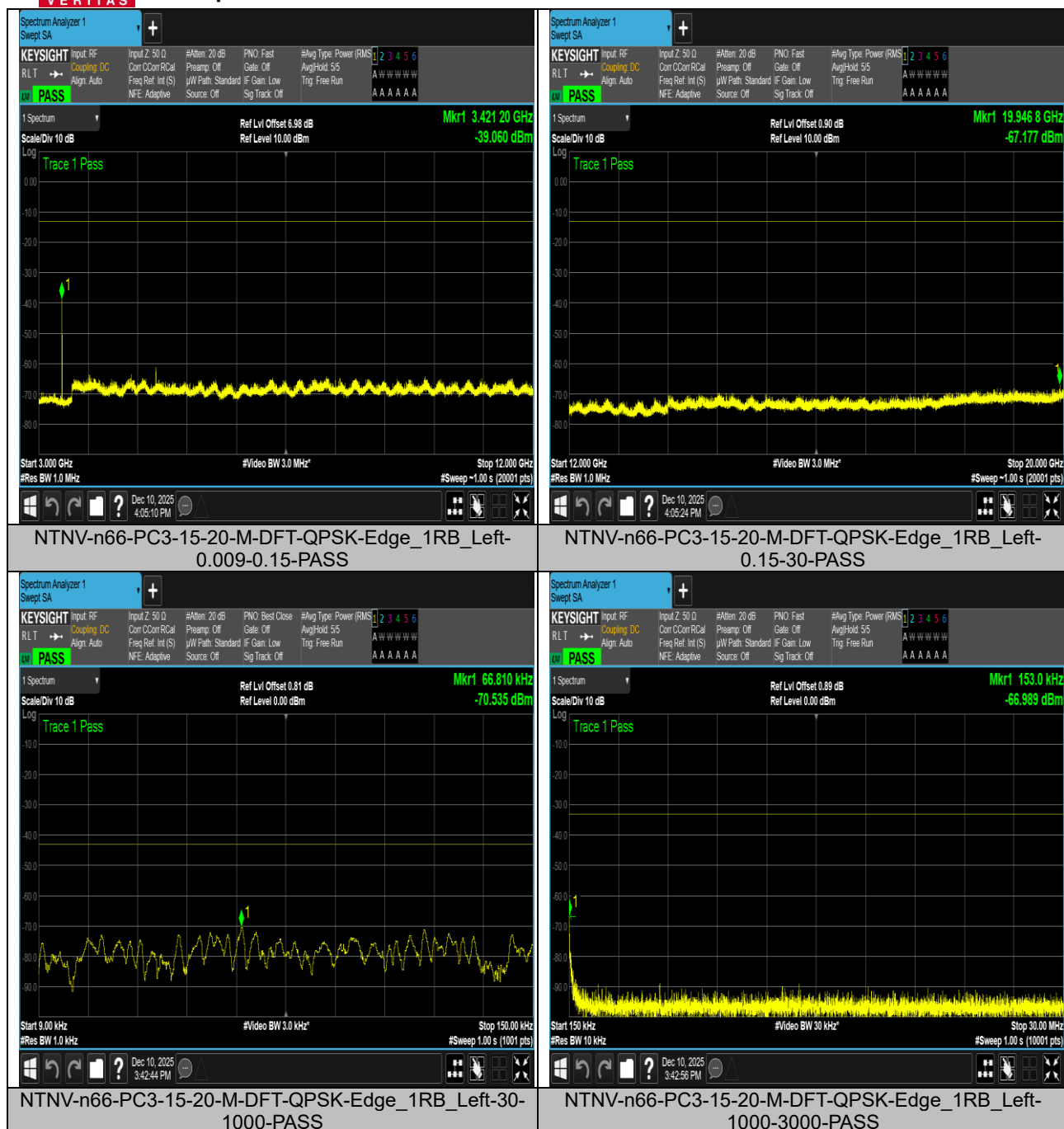






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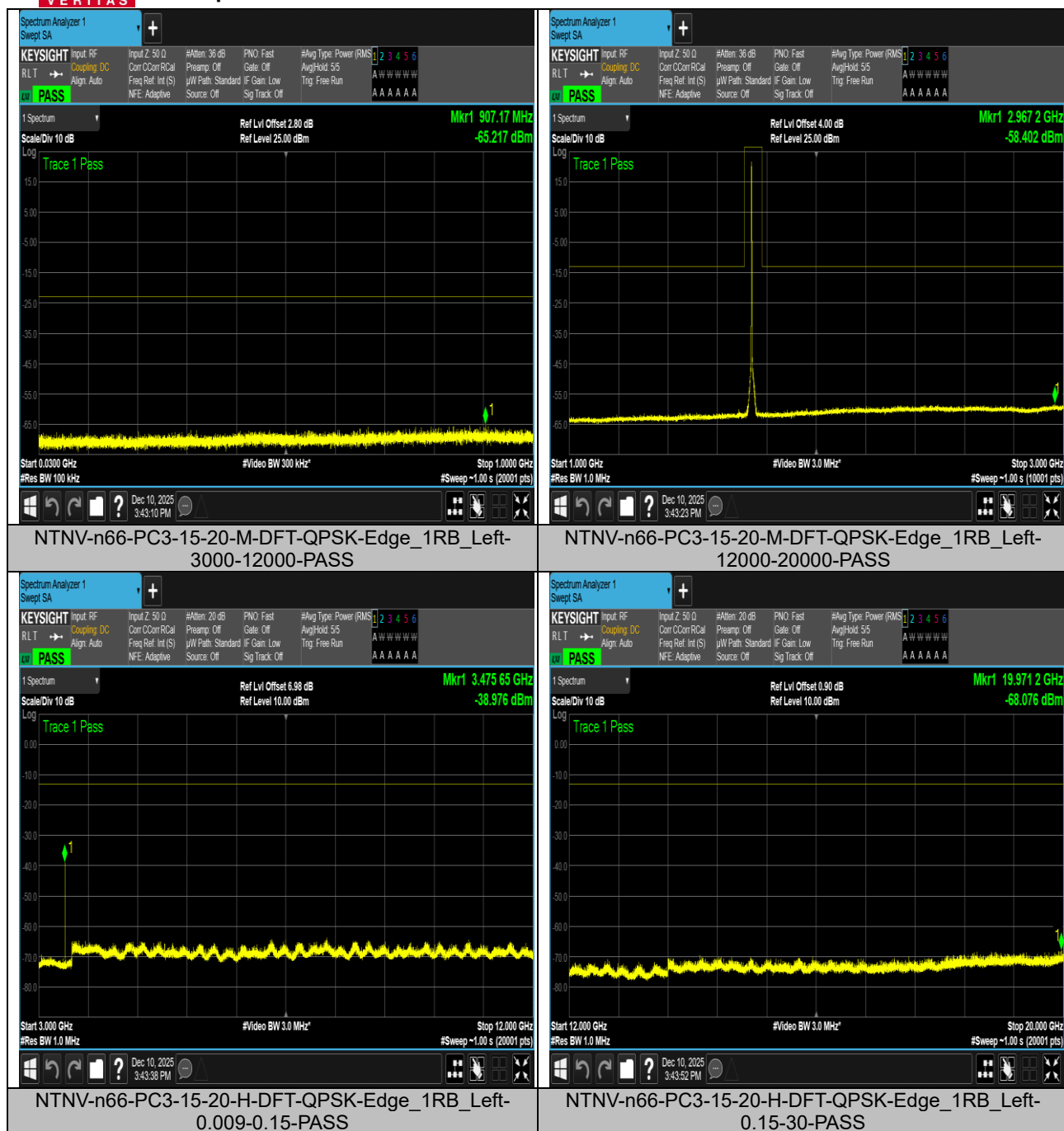
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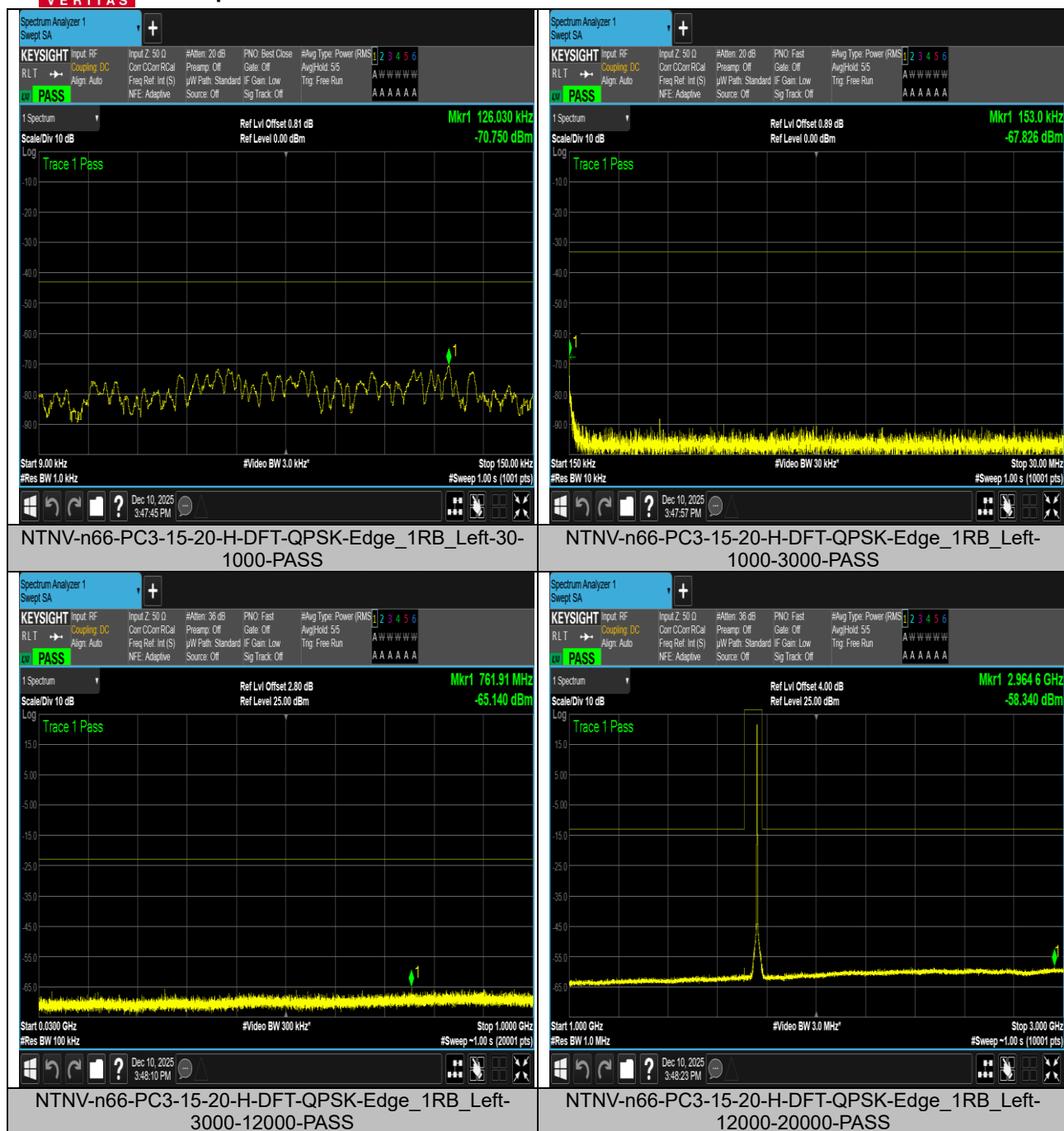
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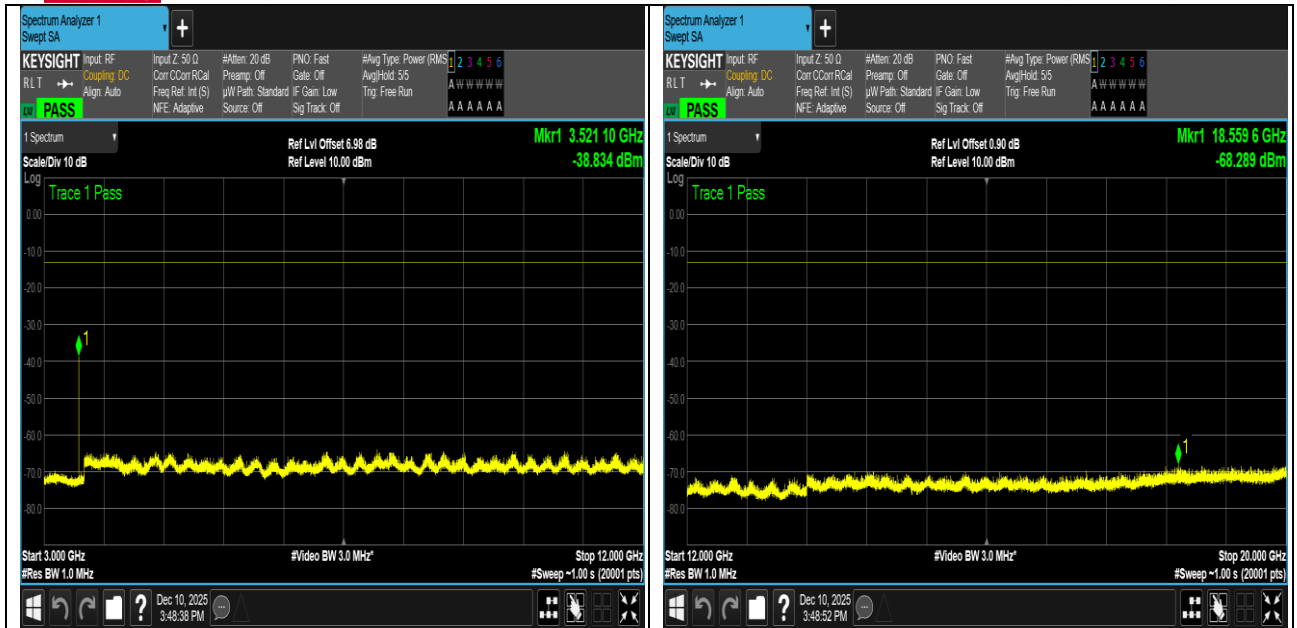
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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage (V)	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
n66	15	10	DFT-QPSK	L	Outer_Full	VL	NT	3.237	0.001887	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	VN	NT	0.349	0.000203	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-1.778	0.001037	PASS
n66	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-1.193	0.000672	PASS
n66	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-1.584	0.000892	PASS
n66	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-2.167	0.001221	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
n66	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-0.962	0.000561	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-1.912	0.001115	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-2.407	0.001403	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	0	0.514	0.0003	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	10	1.277	0.000745	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	20	1.492	0.00087	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	30	1.425	0.000831	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	40	-1.749	0.00102	PASS
n66	15	10	DFT-QPSK	L	Outer_Full	NV	50	-1.7	0.0009	PASS



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n66	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-2.526	- 0.0014 23	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-1.944	- 0.0010 95	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-1.557	- 0.0008 77	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	0	1.34	0.0007 55	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	10	0.297	0.0001 67	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	20	1.738	0.0009 79	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	30	-3.693	- 0.0020 81	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	40	-0.447	- 0.0002 52	PAS S
n66	15	10	DFT-QPSK	H	Outer_Full	NV	50	-3.394	- 0.0019 12	PAS S

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