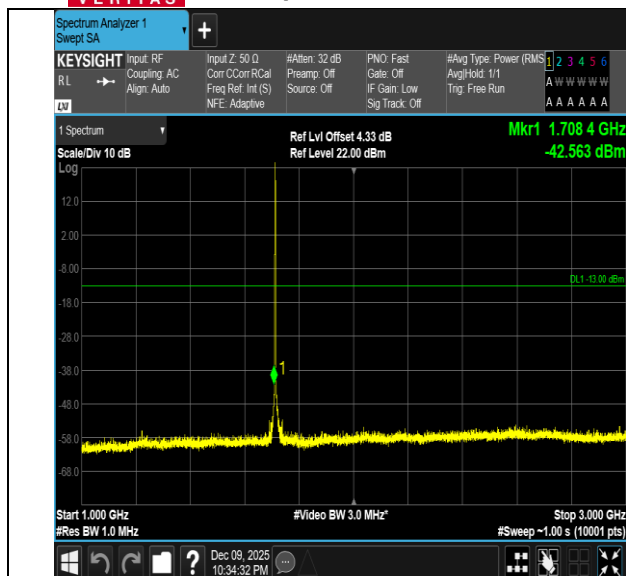


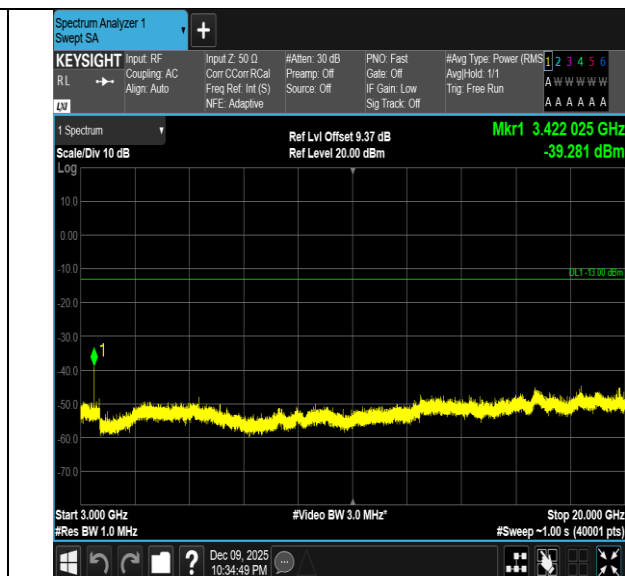


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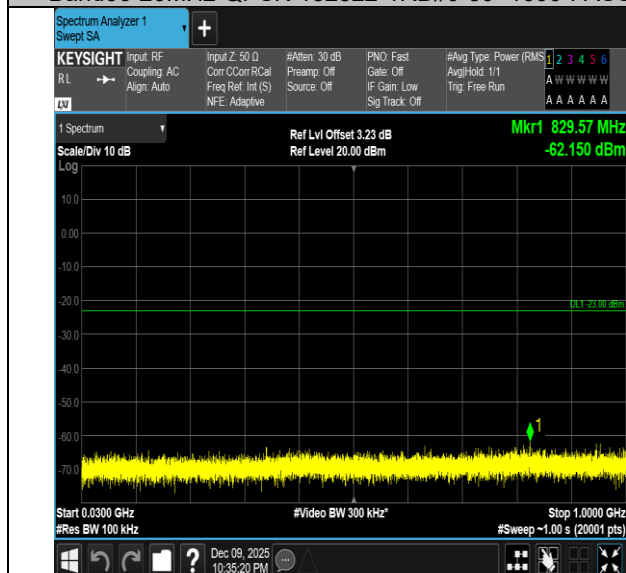
Test Report No.: PSU-QBJ2512030110RF04



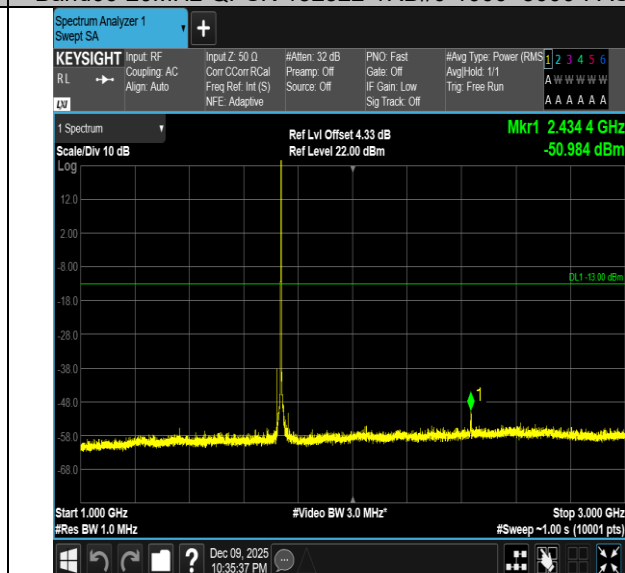
Band66-20MHz-QPSK-132322-1RB#0-30~1000-PASS



Band66-20MHz-QPSK-132322-1RB#0-1000~3000-PASS



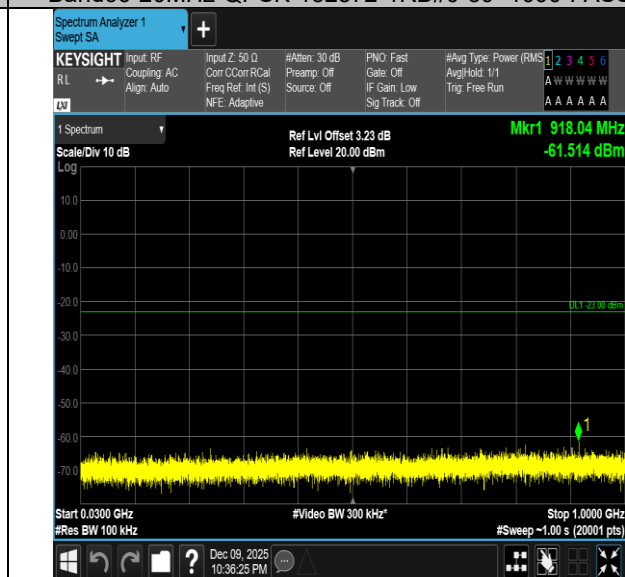
Band66-20MHz-QPSK-132322-1RB#0-3000~20000-PASS



Band66-20MHz-QPSK-132572-1RB#0-30~1000-PASS



Band66-20MHz-QPSK-132572-1RB#0-1000~3000-PASS

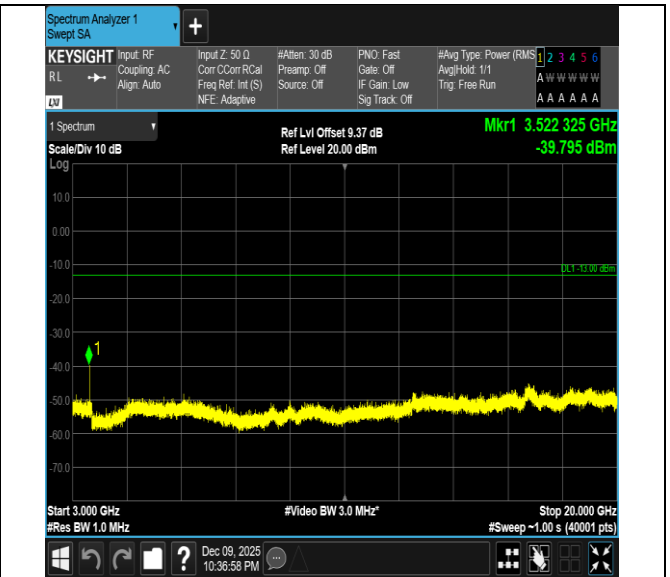
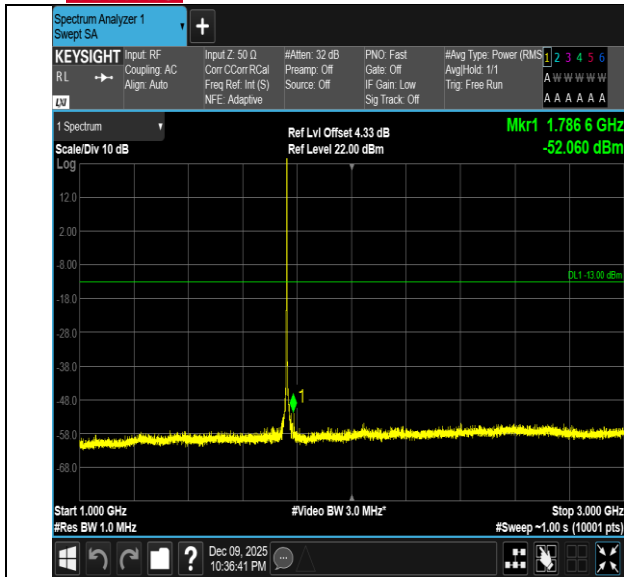


Band66-20MHz-QPSK-132572-1RB#0-3000~20000-PASS

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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	13202 2	50RB#0	VN	NT	-320.00	-0.1865889	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	VL	NT	2310.00	1.3469388	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	VH	NT	-830.00	-0.4839650	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VN	NT	-1420.00	-0.8000000	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VL	NT	-1080.00	-0.6084507	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VH	NT	-2940.00	-1.6563380	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-30	2950.00	1.7201166	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-20	400.00	0.2332362	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-10	1560.00	0.9096210	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	0	-1370.00	-0.7988338	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	10	780.00	0.4548105	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	20	1610.00	0.9387755	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	30	3340.00	1.9475219	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	40	-860.00	-0.5014577	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	50	1420.00	0.8279883	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-30	-330.00	-0.1859155	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-20	-600.00	-0.3380282	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-10	-928.00	-0.5228169	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	0	-1067.00	-0.6011268	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	10	-604.00	-0.3402817	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	20	-688.00	-0.3876056	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	30	-797.00	-0.4490141	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	40	-457.00	-0.2574648	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	50	-504.00	-0.2839437	±2.5	PASS



FCC-SA-N41 (Including N38)

Peak-to-Average Ratio for SA

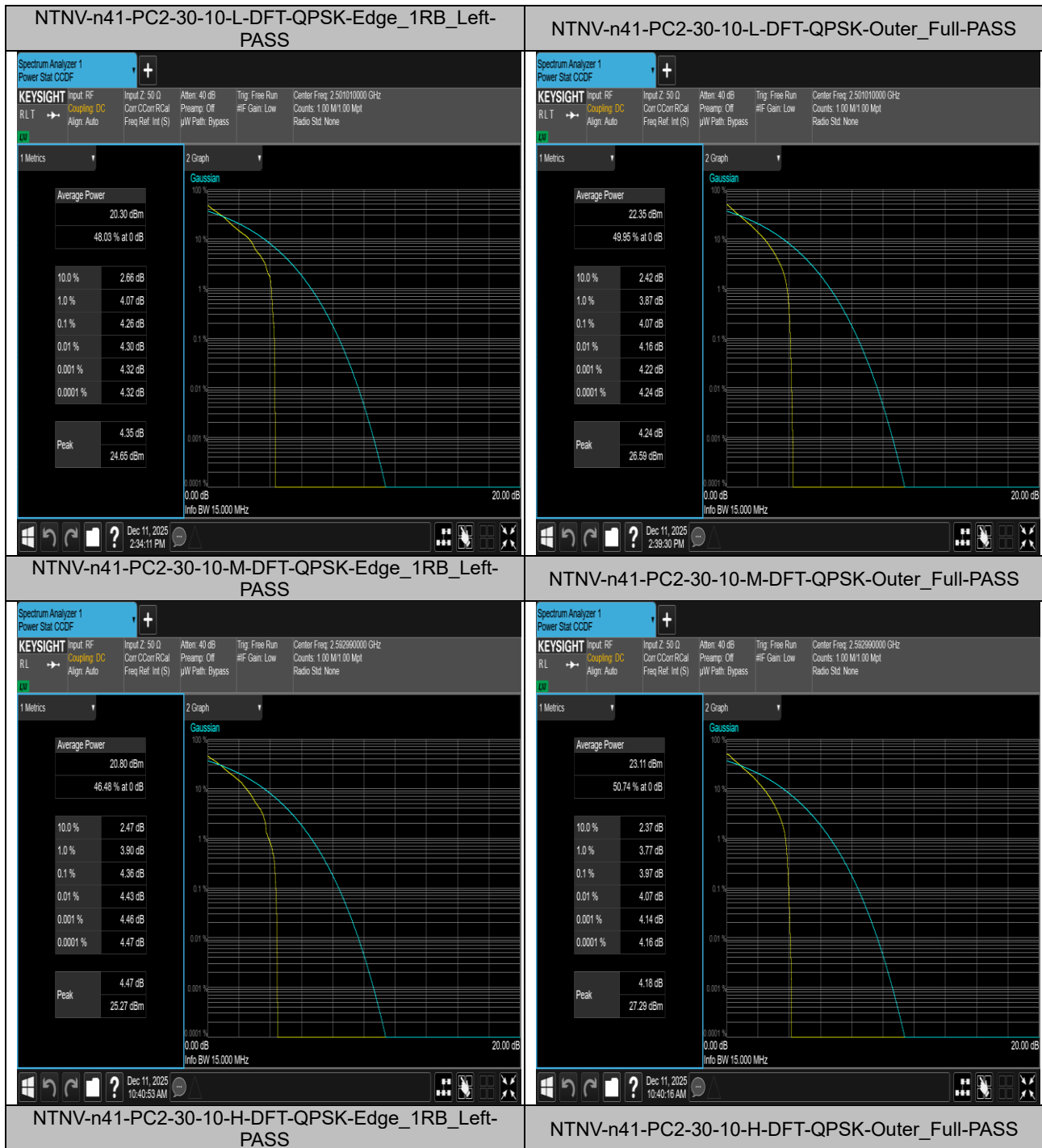
Peak-to-Average Ratio(CCDF)

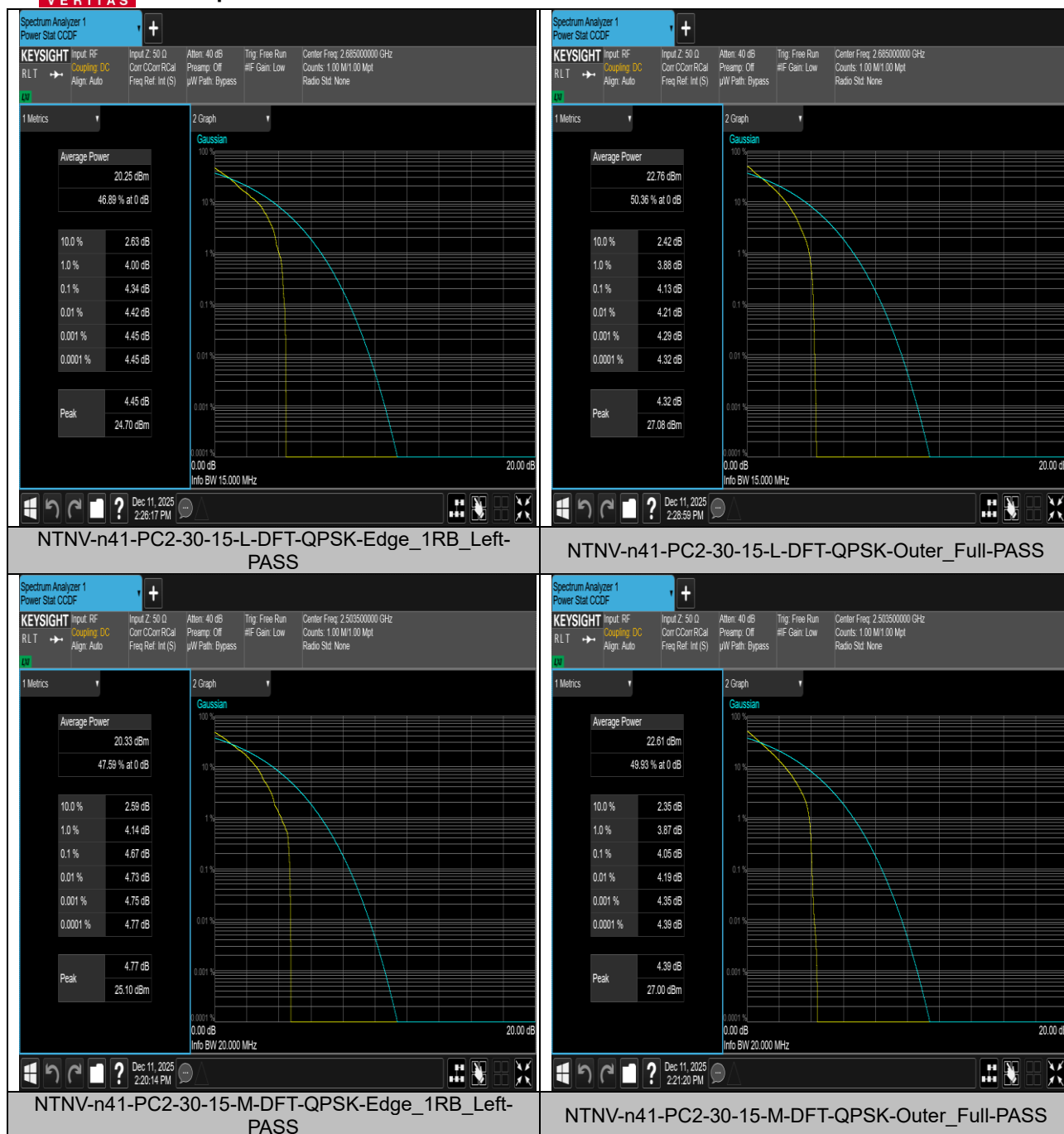
Test Result

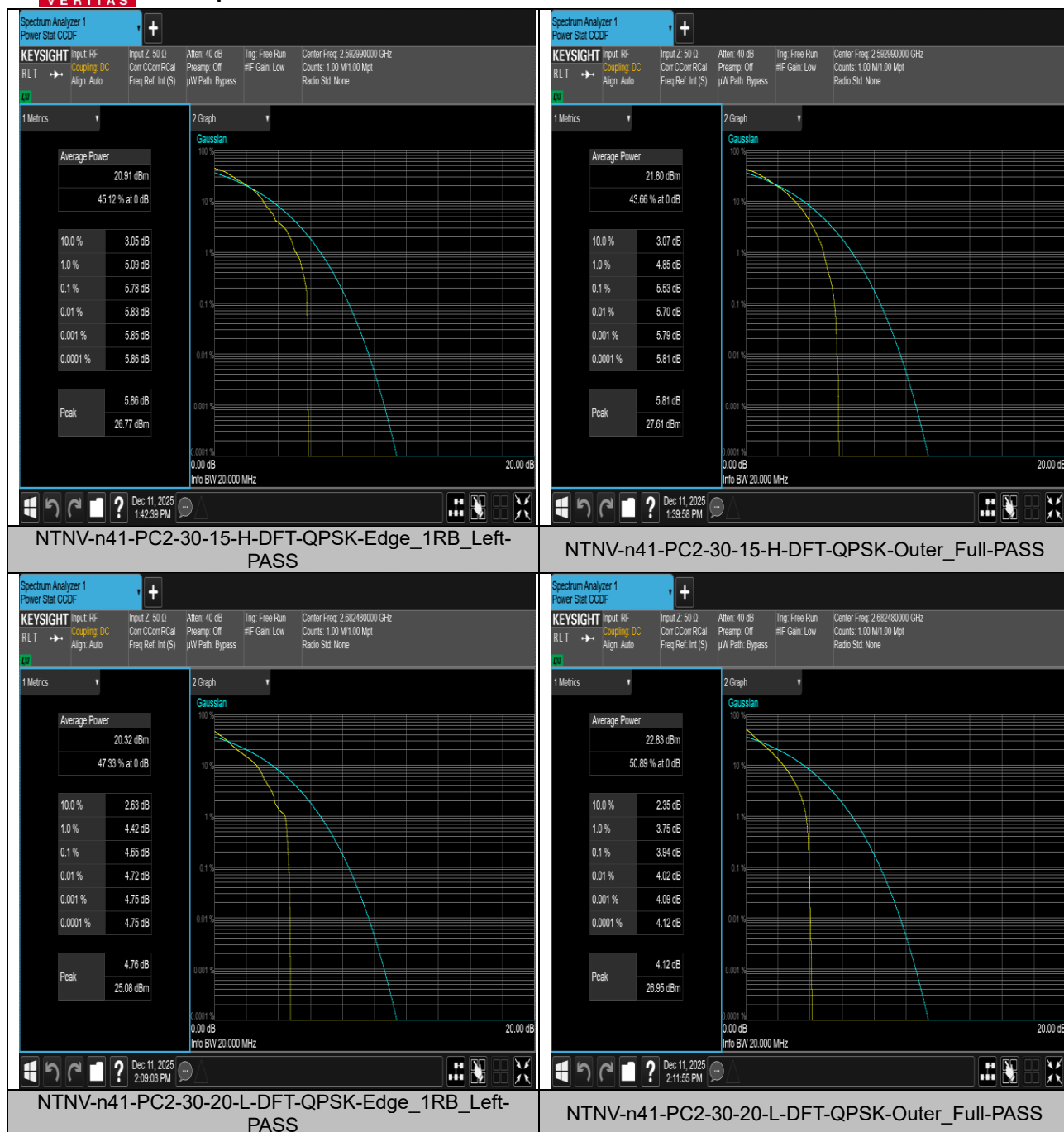
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	4.26	≤13dB	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	4.07	≤13dB	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	4.36	≤13dB	PASS
n41	30	10	DFT-QPSK	M	Outer_Full	3.97	≤13dB	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	4.34	≤13dB	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	4.13	≤13dB	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	4.67	≤13dB	PASS
n41	30	15	DFT-QPSK	L	Outer_Full	4.05	≤13dB	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	5.78	≤13dB	PASS
n41	30	15	DFT-QPSK	M	Outer_Full	5.53	≤13dB	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	4.65	≤13dB	PASS
n41	30	15	DFT-QPSK	H	Outer_Full	3.94	≤13dB	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	4.47	≤13dB	PASS
n41	30	20	DFT-QPSK	L	Outer_Full	3.56	≤13dB	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	4.33	≤13dB	PASS
n41	30	20	DFT-QPSK	M	Outer_Full	4.22	≤13dB	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	4.08	≤13dB	PASS
n41	30	20	DFT-QPSK	H	Outer_Full	4.26	≤13dB	PASS

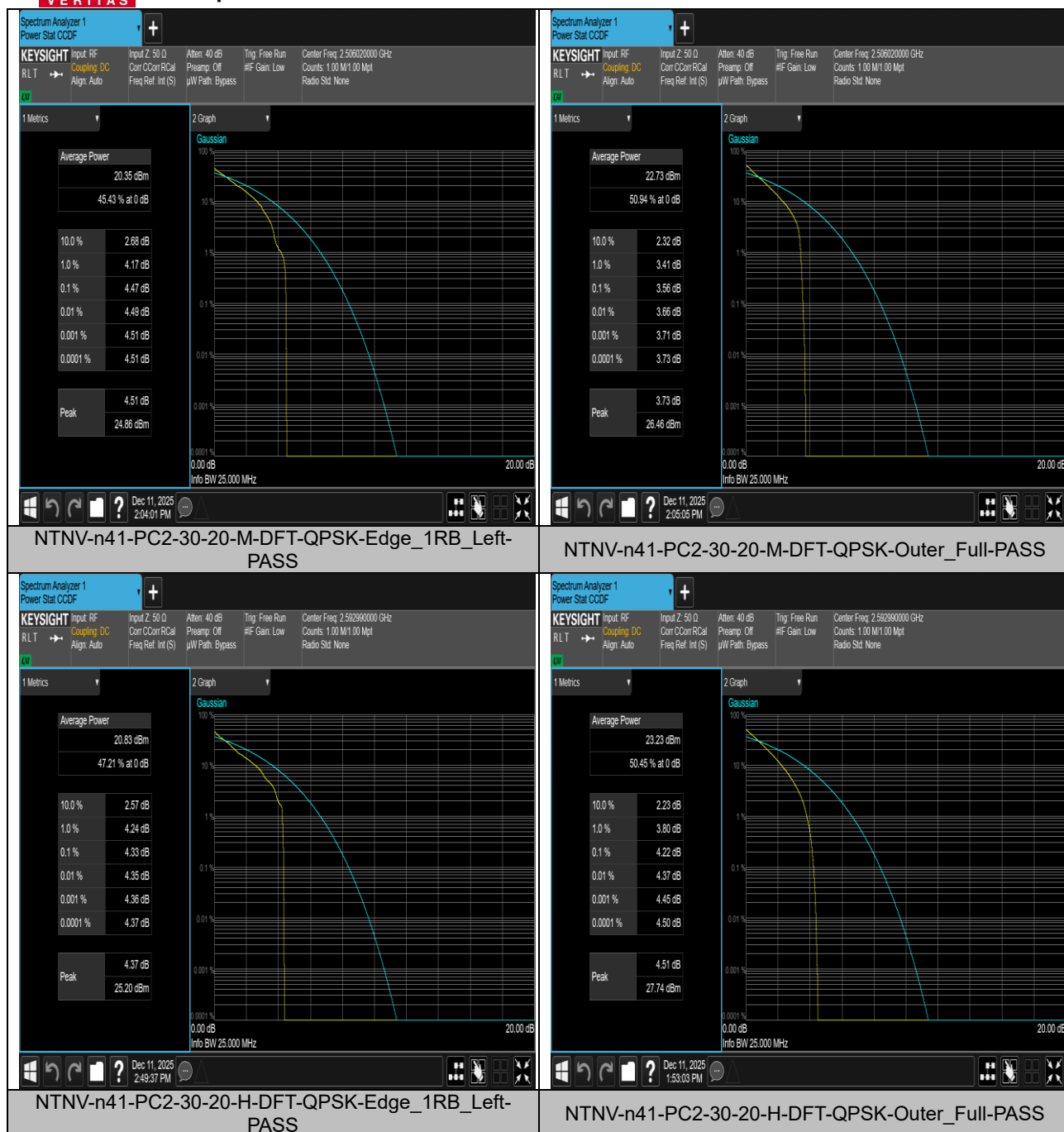


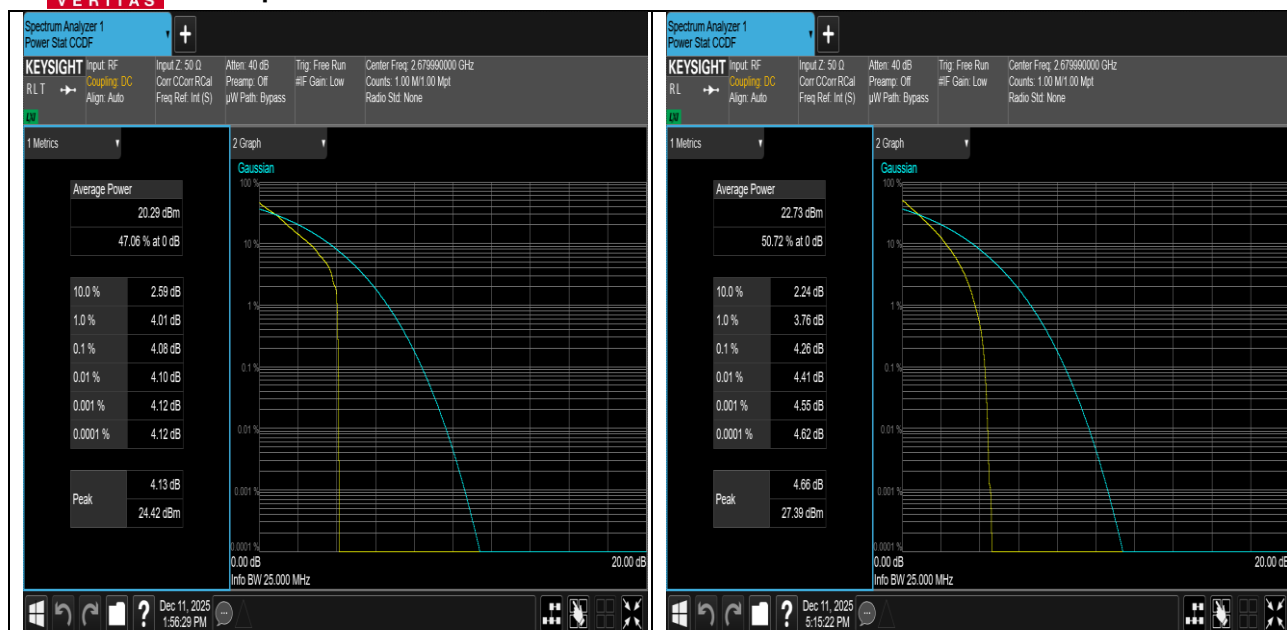
Test Graphs













Test Report No.: PSU-QBJ2512030110RF04

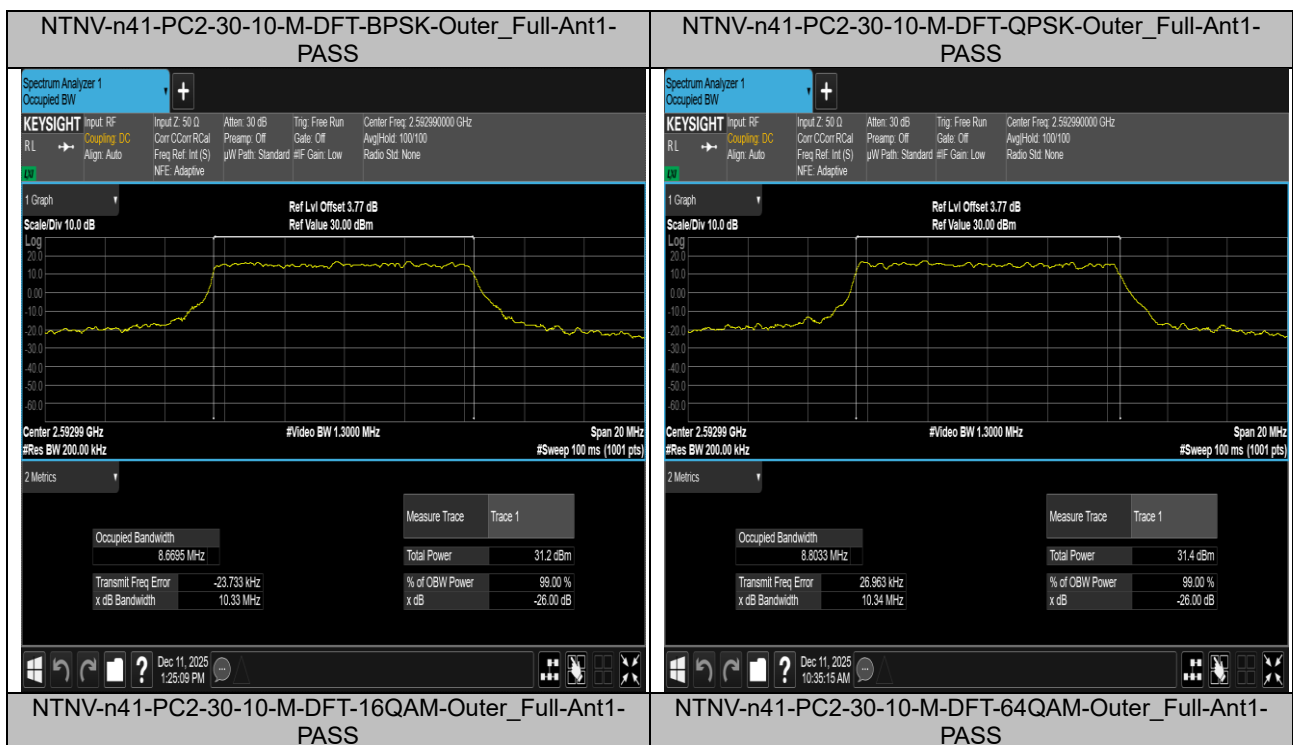


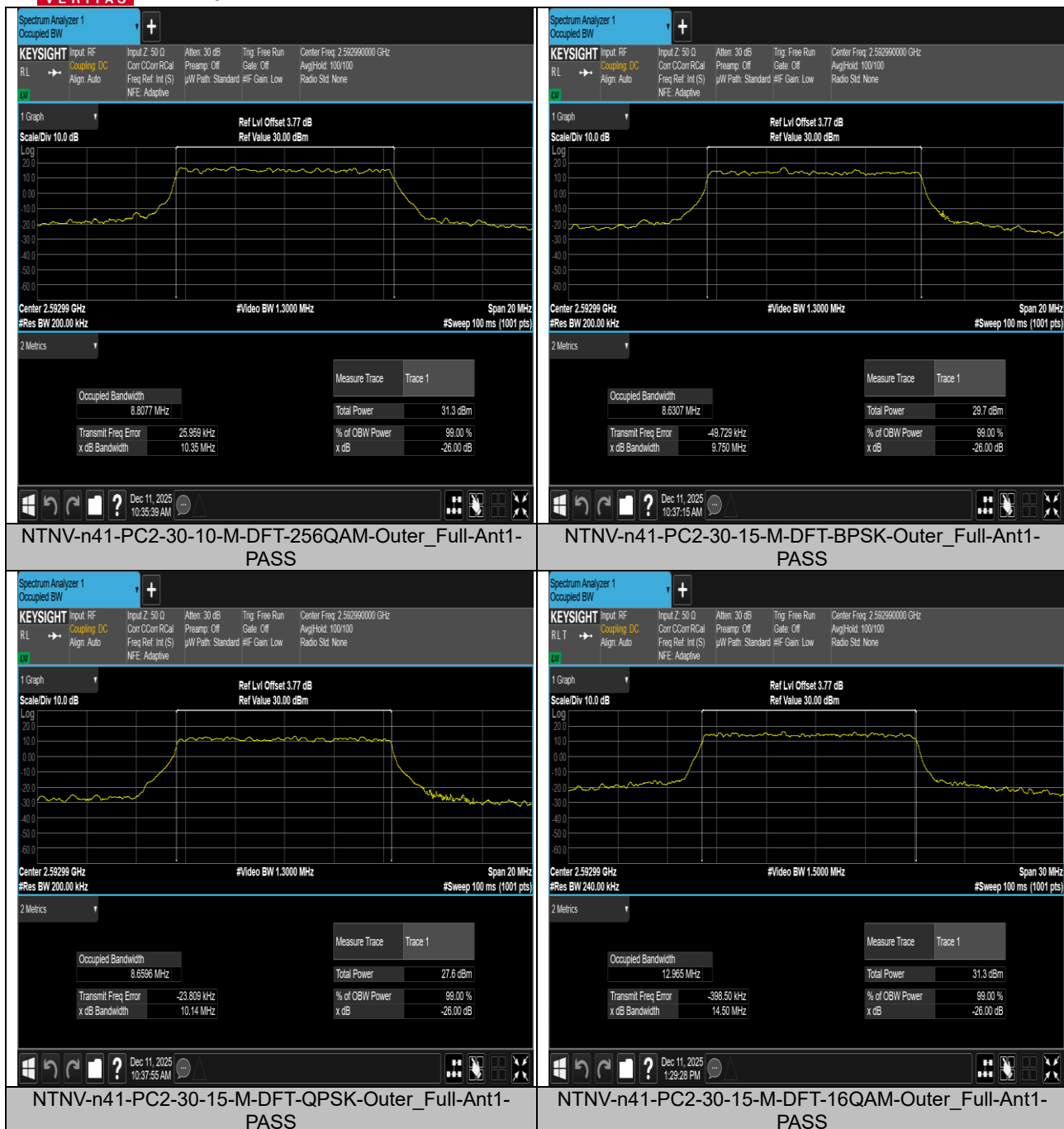
26dB Bandwidth and Occupied Bandwidth for SA

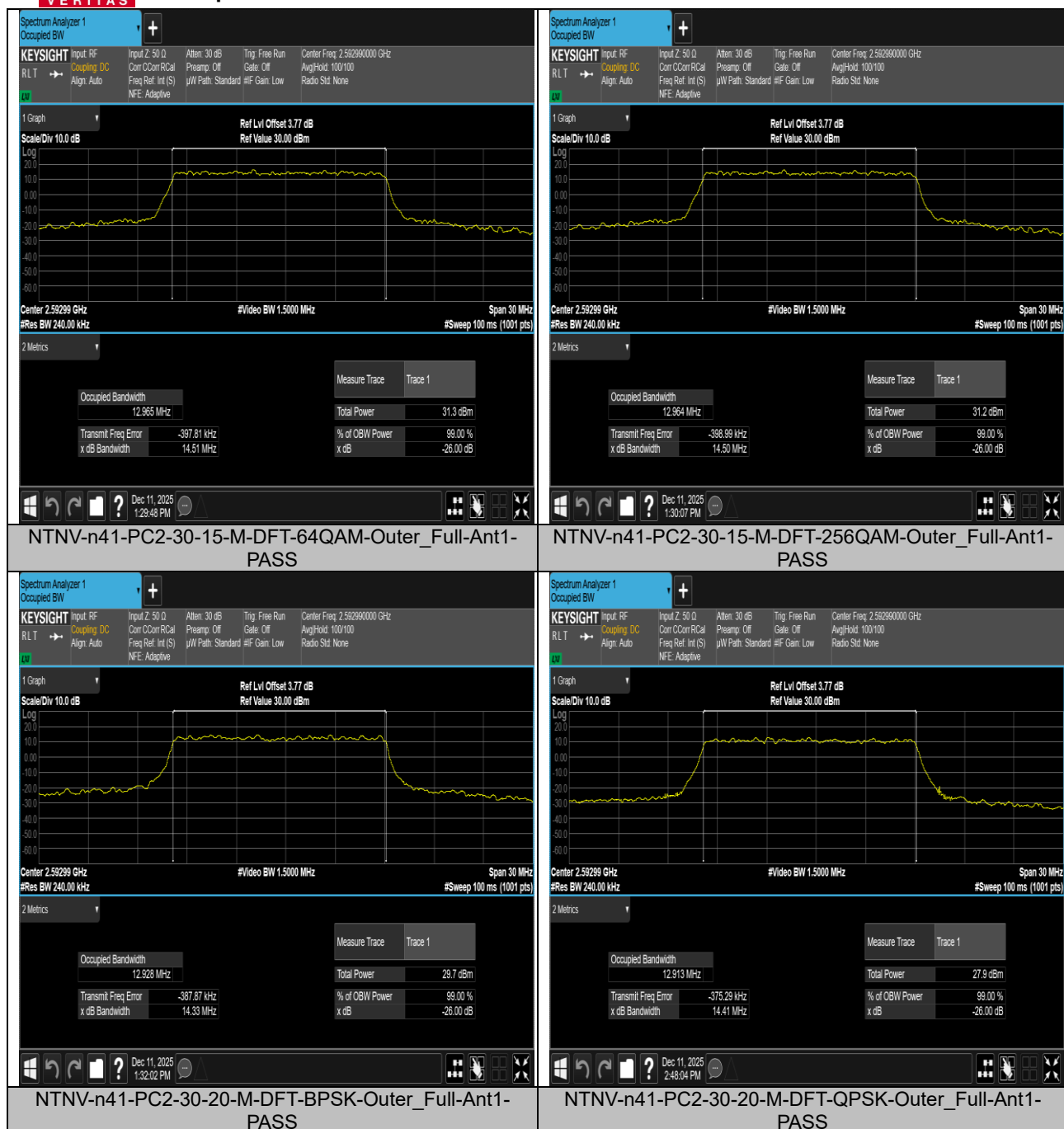
Test Result

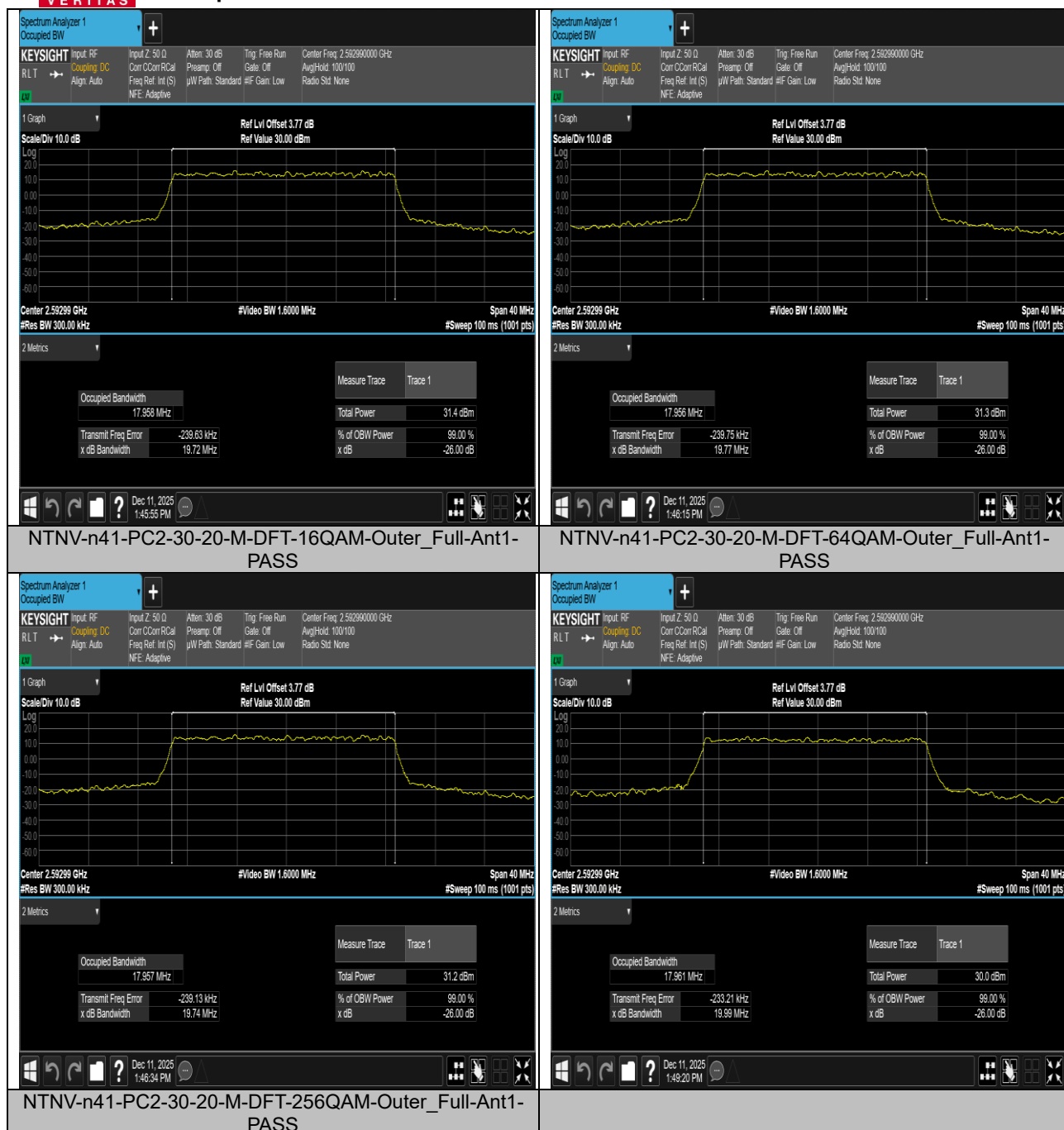
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n41	30	10	DFT-BPSK	M	Outer_Full	8.6695	10.33	PASS
n41	30	10	DFT-QPSK	M	Outer_Full	8.8033	10.34	PASS
n41	30	10	DFT-16QAM	M	Outer_Full	8.8077	10.35	PASS
n41	30	10	DFT-64QAM	M	Outer_Full	8.6307	9.750	PASS
n41	30	10	DFT-256QAM	M	Outer_Full	8.6596	10.14	PASS
n41	30	15	DFT-BPSK	M	Outer_Full	12.965	14.50	PASS
n41	30	15	DFT-QPSK	M	Outer_Full	12.965	14.51	PASS
n41	30	15	DFT-16QAM	M	Outer_Full	12.964	14.50	PASS
n41	30	15	DFT-64QAM	M	Outer_Full	12.928	14.33	PASS
n41	30	15	DFT-256QAM	M	Outer_Full	12.913	14.41	PASS
n41	30	20	DFT-BPSK	M	Outer_Full	17.958	19.72	PASS
n41	30	20	DFT-QPSK	M	Outer_Full	17.956	19.77	PASS
n41	30	20	DFT-16QAM	M	Outer_Full	17.957	19.74	PASS
n41	30	20	DFT-64QAM	M	Outer_Full	17.961	19.99	PASS
n41	30	20	DFT-256QAM	M	Outer_Full	17.976	19.44	PASS

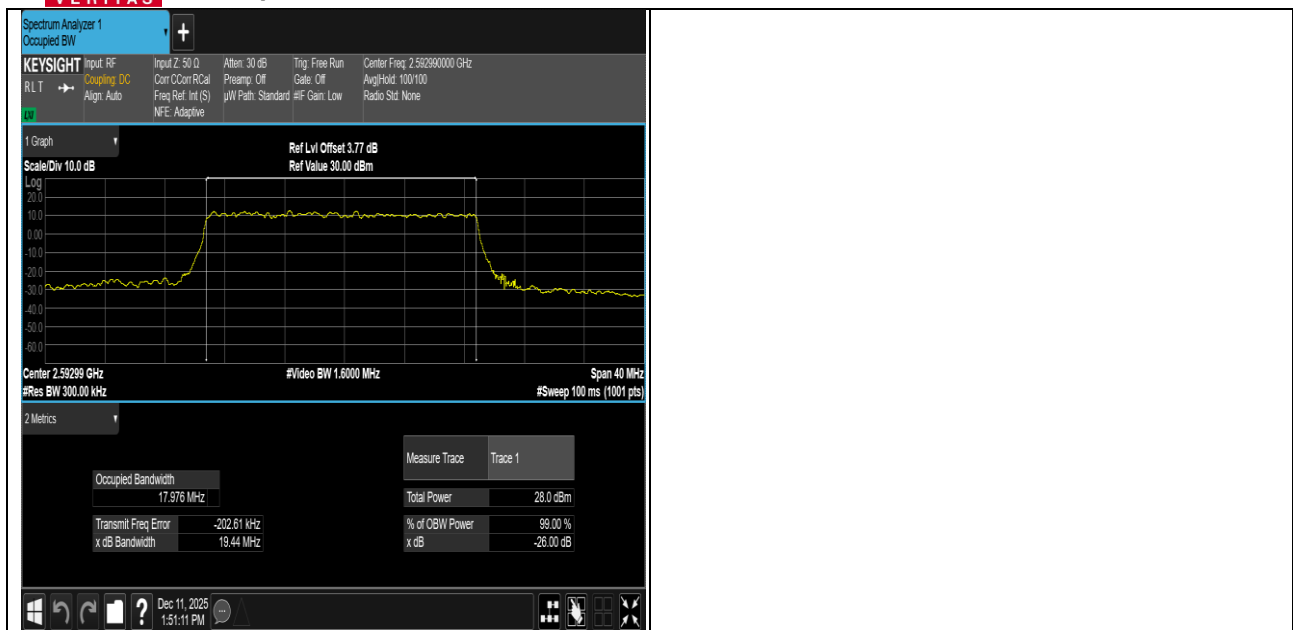
Test Graphs













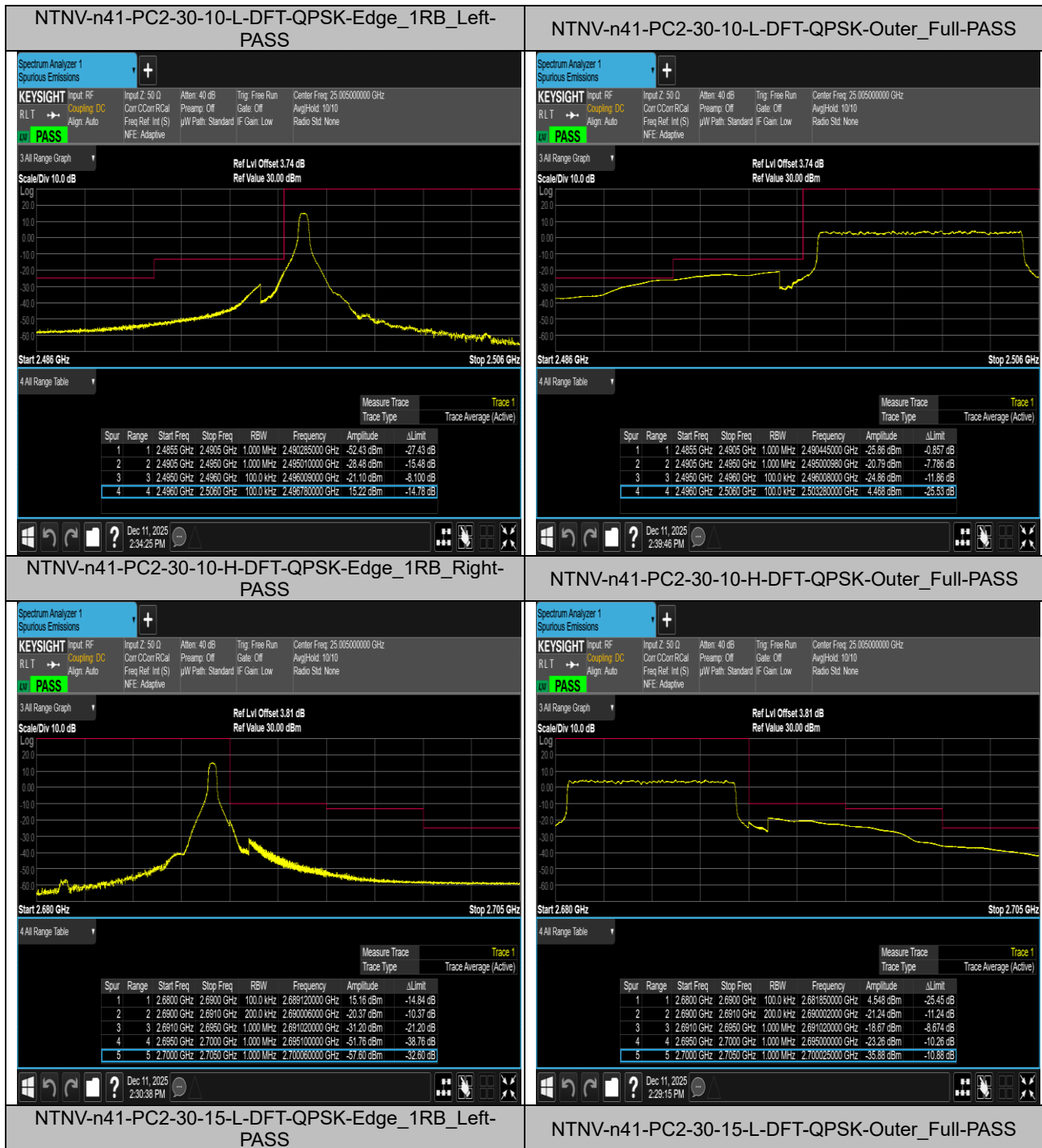
Band Edge for SA

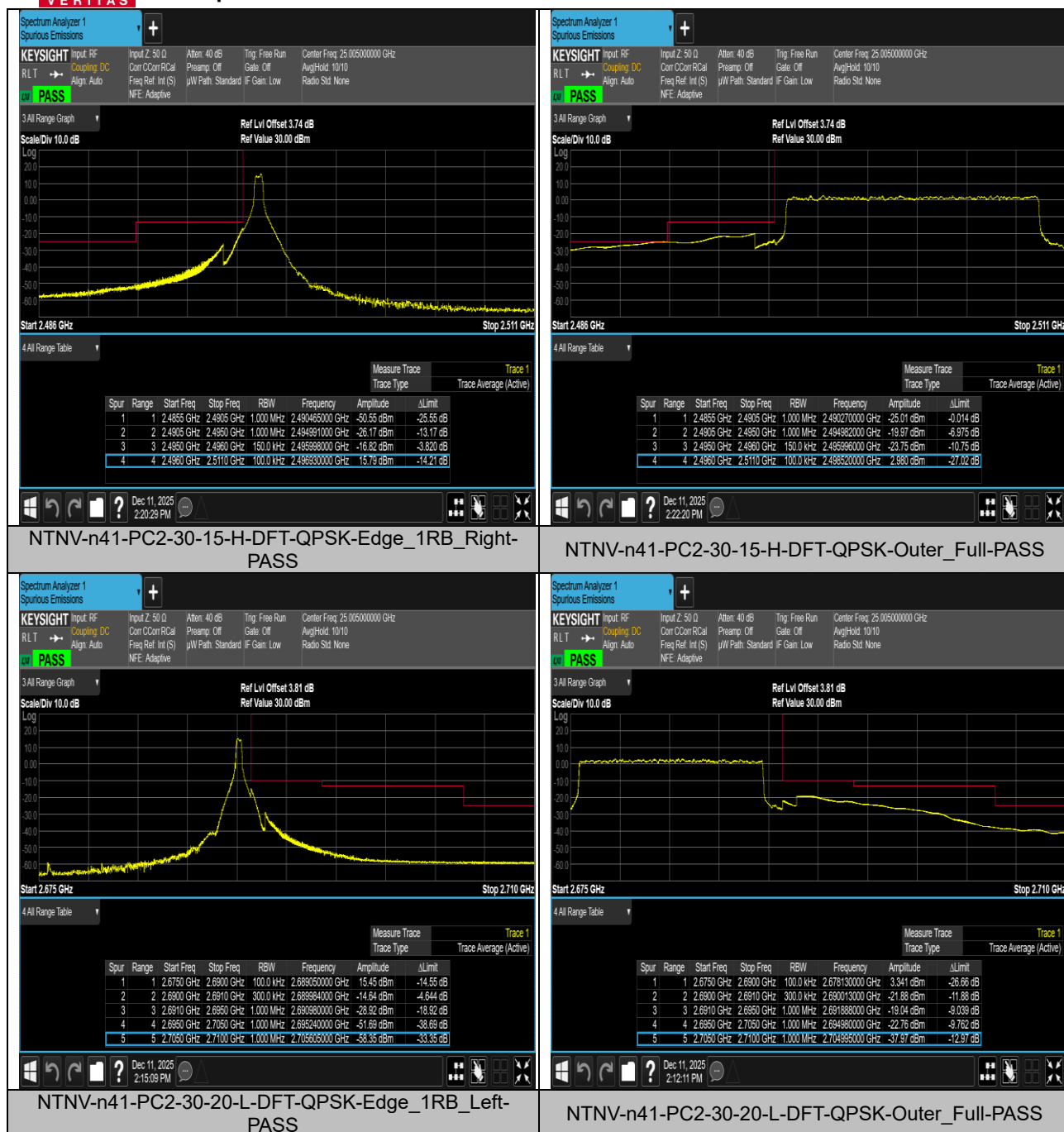
Test Result

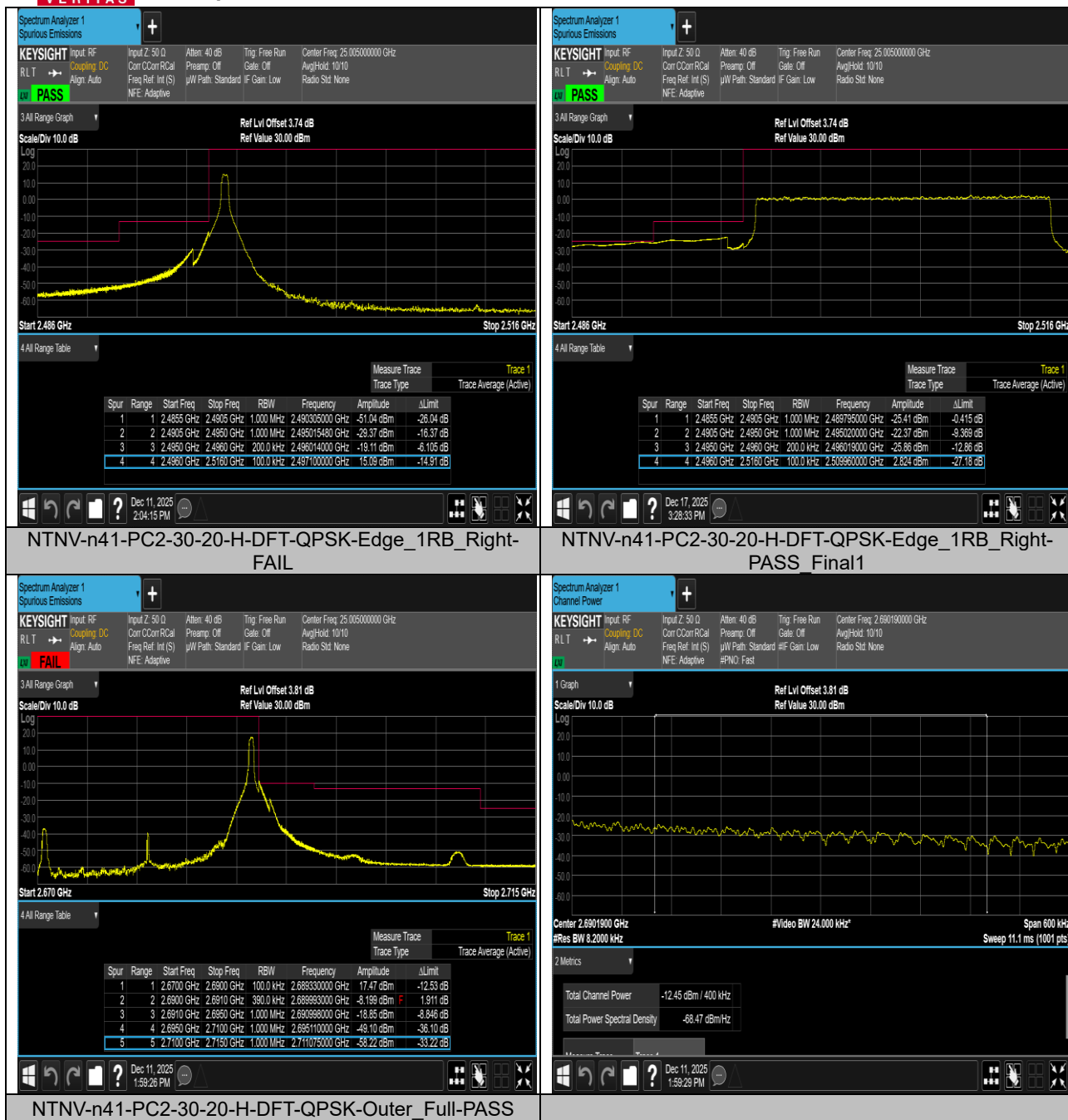
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dBm)	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	-21.10	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	-25.86	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Right	-20.37	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	-18.67	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	-16.82	PASS
n41	30	15	DFT-QPSK	L	Outer_Full	-25.01	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Right	-14.64	PASS
n41	30	15	DFT-QPSK	H	Outer_Full	-19.04	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	-19.11	PASS
n41	30	20	DFT-QPSK	L	Outer_Full	-25.41	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Right	-8.20	FAIL
n41	30	20	DFT-QPSK	H	Edge_1RB_Right	-12.45	PASS_Final1
n41	30	20	DFT-QPSK	H	Outer_Full	-22.74	PASS

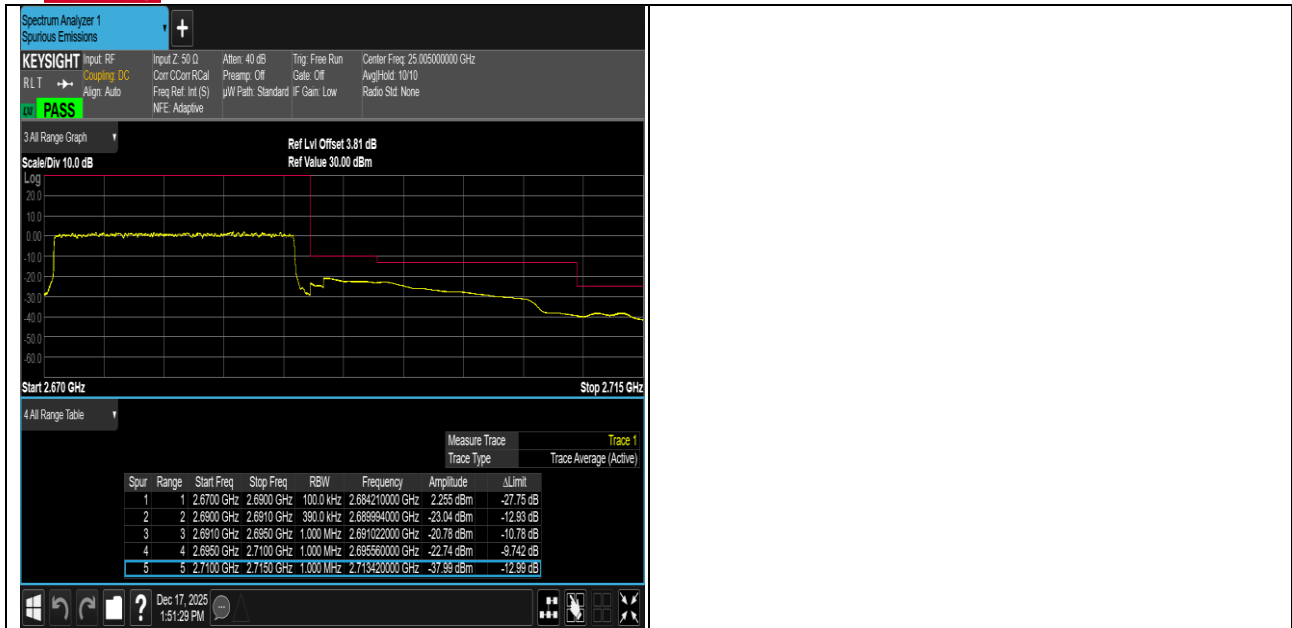


Test Graphs











BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF04

Conducted Spurious Emission for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	0.009	0.15	-75.85	≤-55dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	0.15	30	-72.51	≤-45dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	30	1000	-65.35	≤-35dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	1000	3000	-56.27	≤-25dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	3000	18000	-41.32	≤-25dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_L _{eff}	18000	30000	-63.79	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	0.009	0.15	-76.73	≤-55dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	0.15	30	-58.18	≤-45dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	30	1000	-64.96	≤-35dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	1000	3000	-58.21	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	3000	18000	-33.10	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_L _{eff}	18000	30000	-63.55	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	0.009	0.15	-75.12	≤-55dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	0.15	30	-73.65	≤-45dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	30	1000	-65.51	≤-35dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	1000	3000	-58.33	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	3000	18000	-39.34	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_L _{eff}	18000	30000	-63.20	≤-25dBm	PASS
n41	30	15	DFT-	L	Edge_1RB_L	0.009	0.15	-	≤-	PASS

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			QPSK		eft			76.8 9	55dB m	
n41	30	15	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	- 73.6 4	≤- 45dB m	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_L eft	30	1000	- 65.3 5	≤- 35dB m	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	- 55.7 1	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_L eft	3000	18000	- 41.2 7	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_L eft	18000	30000	- 63.8 0	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	- 73.5 0	≤- 55dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	- 56.7 3	≤- 45dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	30	1000	- 65.0 7	≤- 35dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	1000	3000	- 58.1 5	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	3000	18000	- 31.3 4	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_L eft	18000	30000	- 63.7 6	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	0.009	0.15	- 75.1 9	≤- 55dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	0.15	30	- 71.6 8	≤- 45dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	30	1000	- 65.6 6	≤- 35dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	1000	3000	- 58.3 6	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	3000	18000	- 39.0 9	≤- 25dB m	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_L eft	18000	30000	- 63.2 0	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	0.009	0.15	- 76.0 7	≤- 55dB m	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	0.15	30	- 72.4 9	≤- 45dB m	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	30	1000	- 65.1 5	≤- 35dB m	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	1000	3000	- 55.3 3	≤- 25dB m	PASS

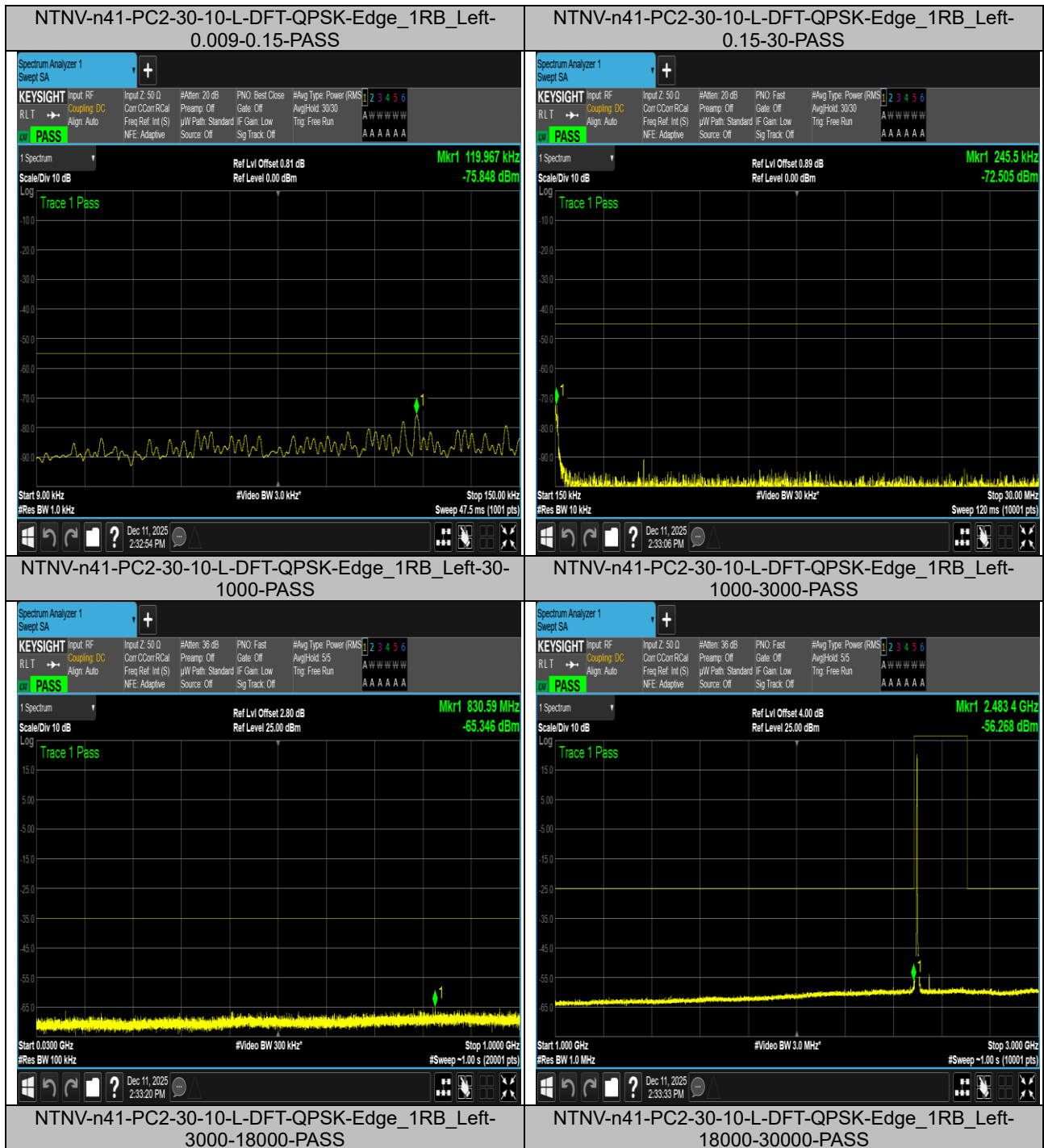


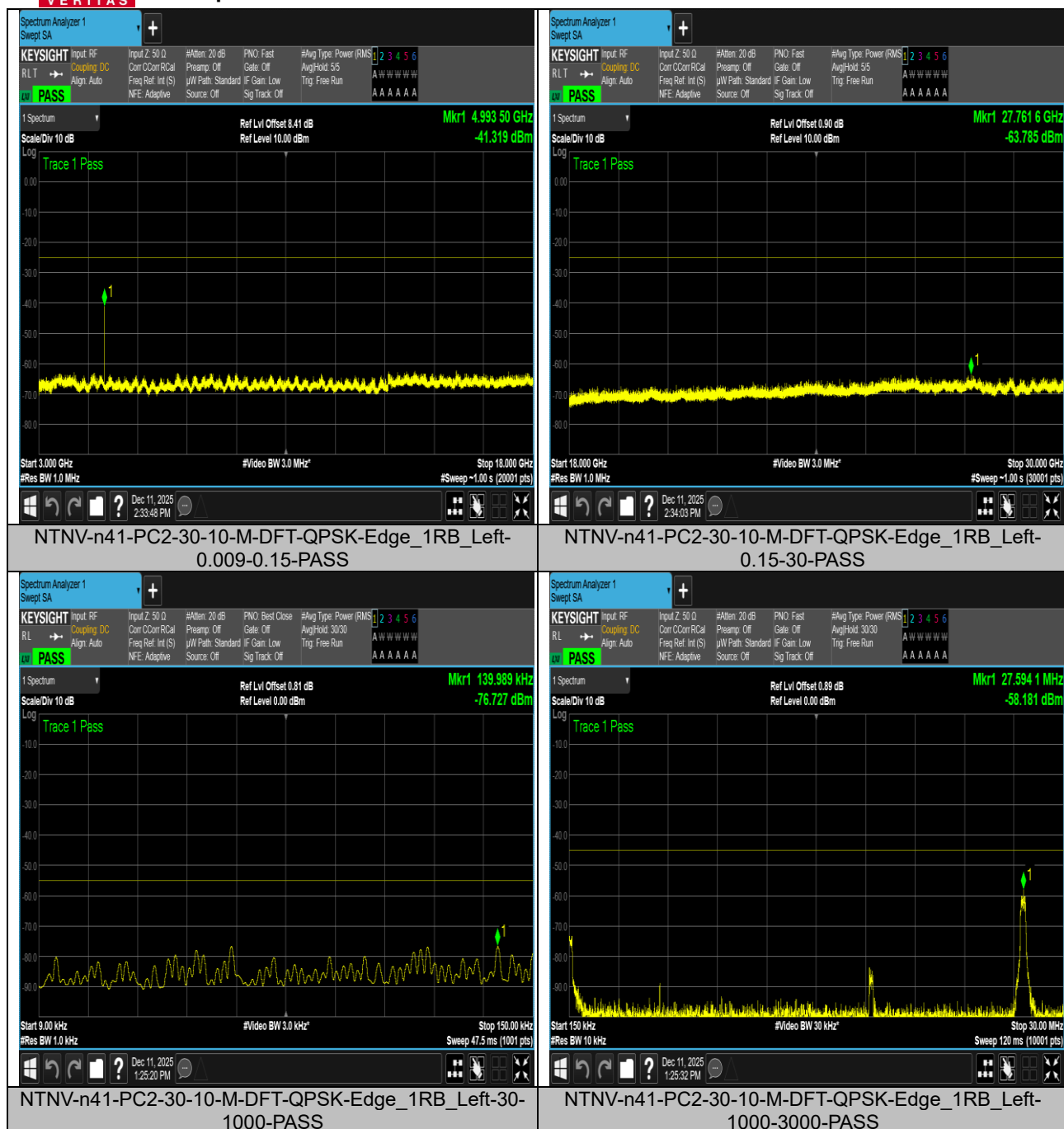
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n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	3000	18000	- 41.7 8	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_L eft	18000	30000	- 63.4 2	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	0.009	0.15	- 75.8 3	≤- 55dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	0.15	30	- 72.3 6	≤- 45dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	30	1000	- 65.2 4	≤- 35dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	1000	3000	- 54.9 5	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	3000	18000	- 40.9 9	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_L eft	18000	30000	- 63.6 5	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	0.009	0.15	- 76.3 8	≤- 55dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	0.15	30	- 74.1 2	≤- 45dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	30	1000	- 64.8 8	≤- 35dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	1000	3000	- 57.9 3	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	3000	18000	- 38.5 6	≤- 25dB m	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_L eft	18000	30000	- 63.5 2	≤- 25dB m	PASS



Test Graphs



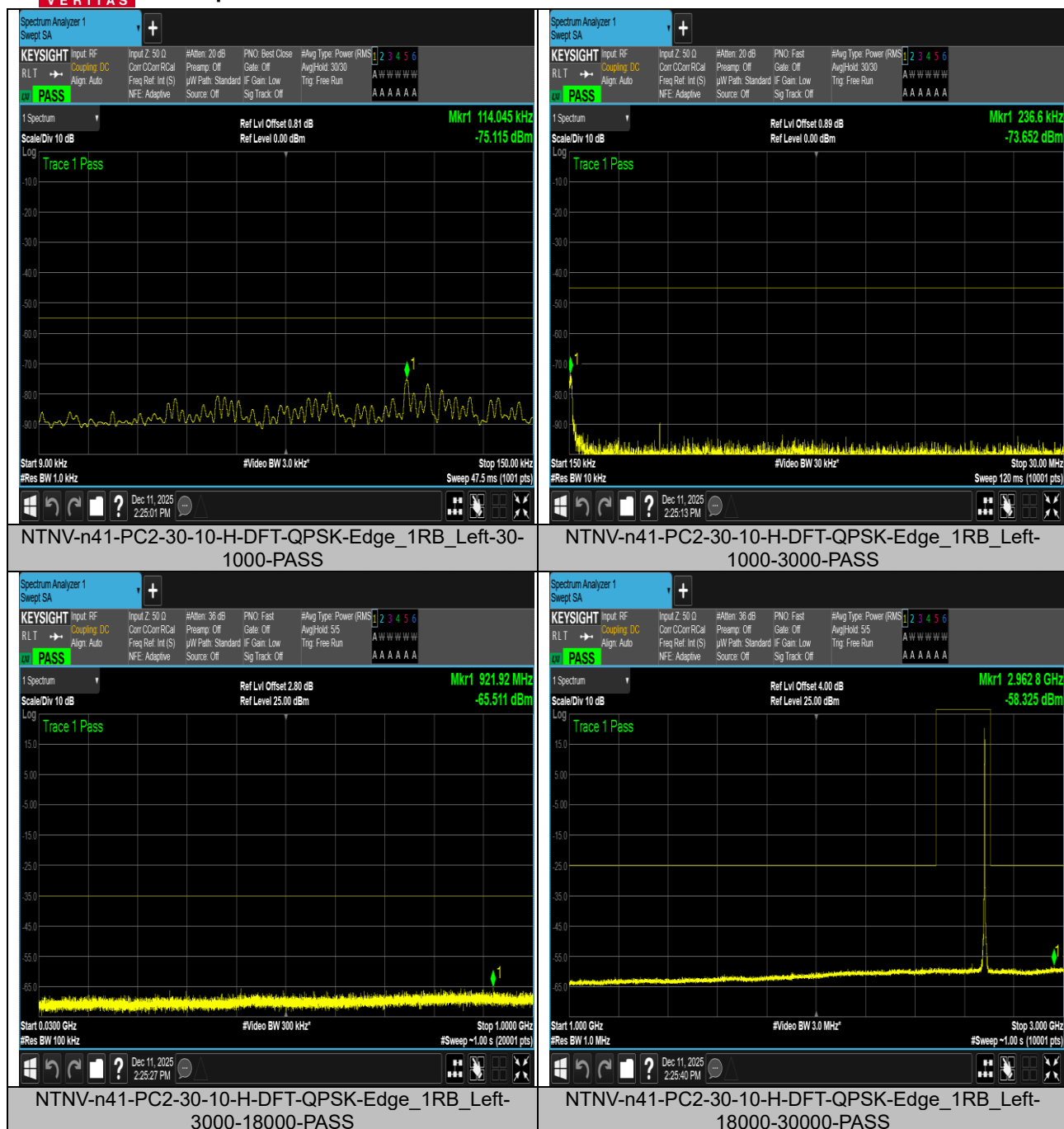


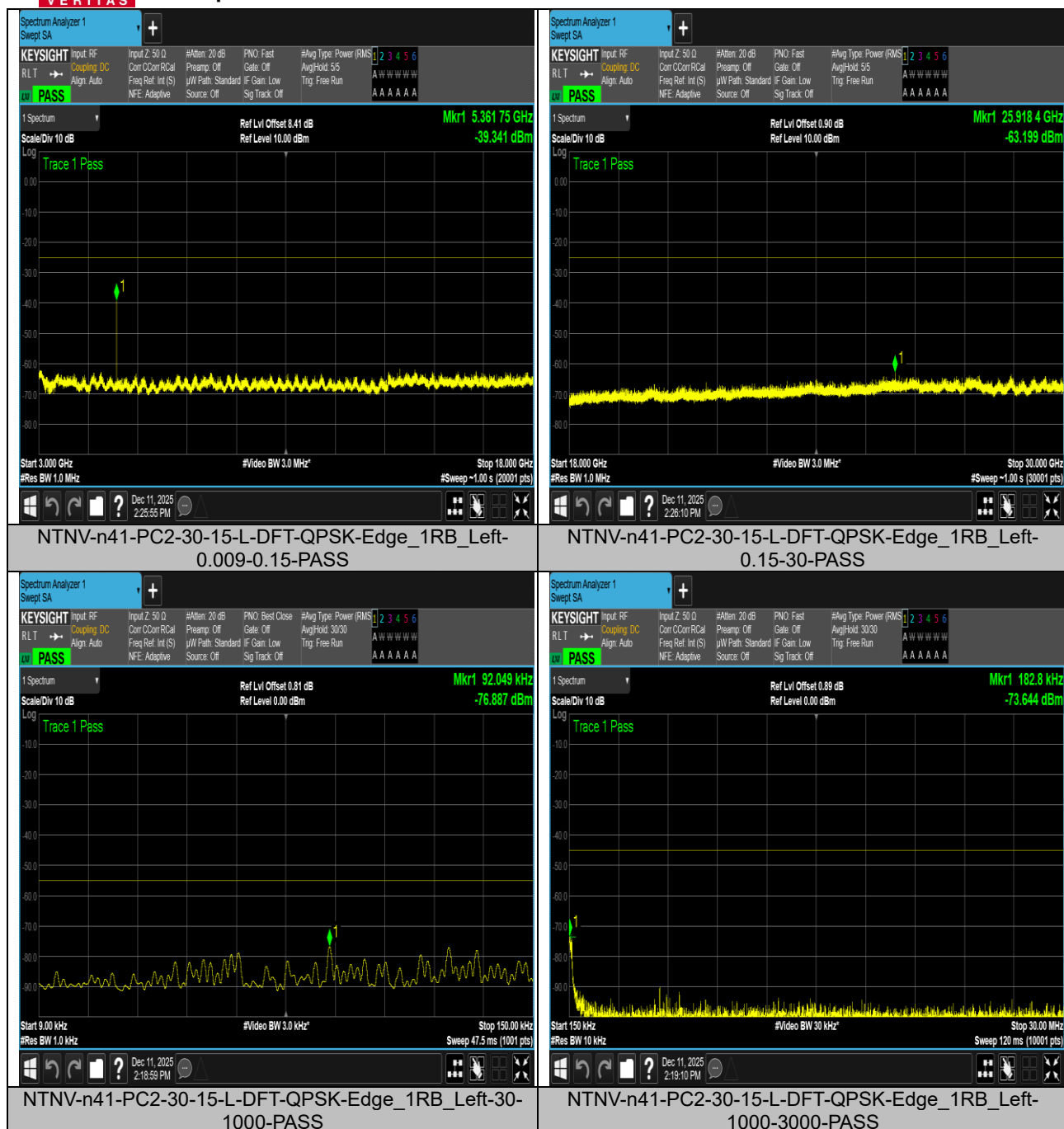


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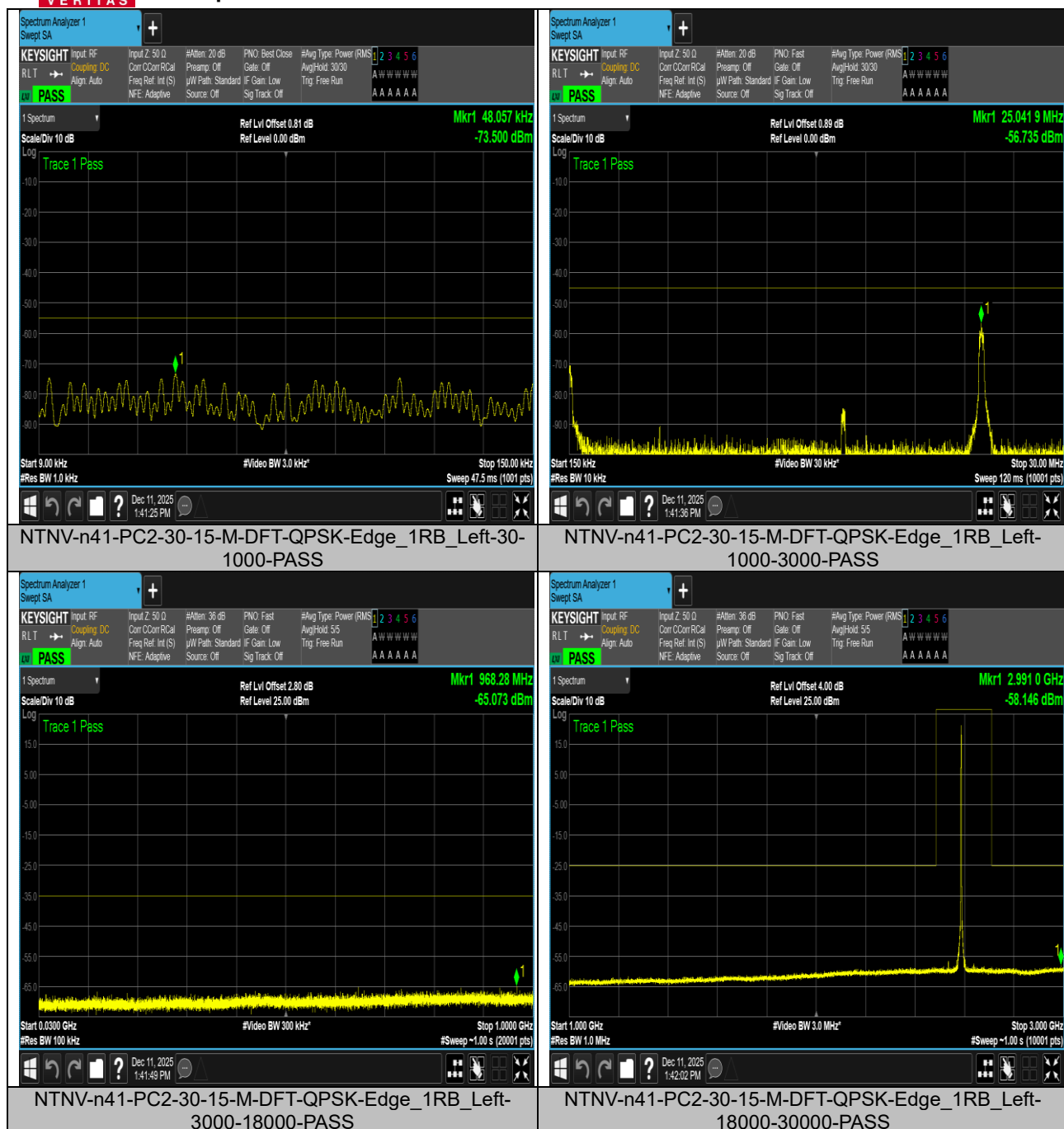
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