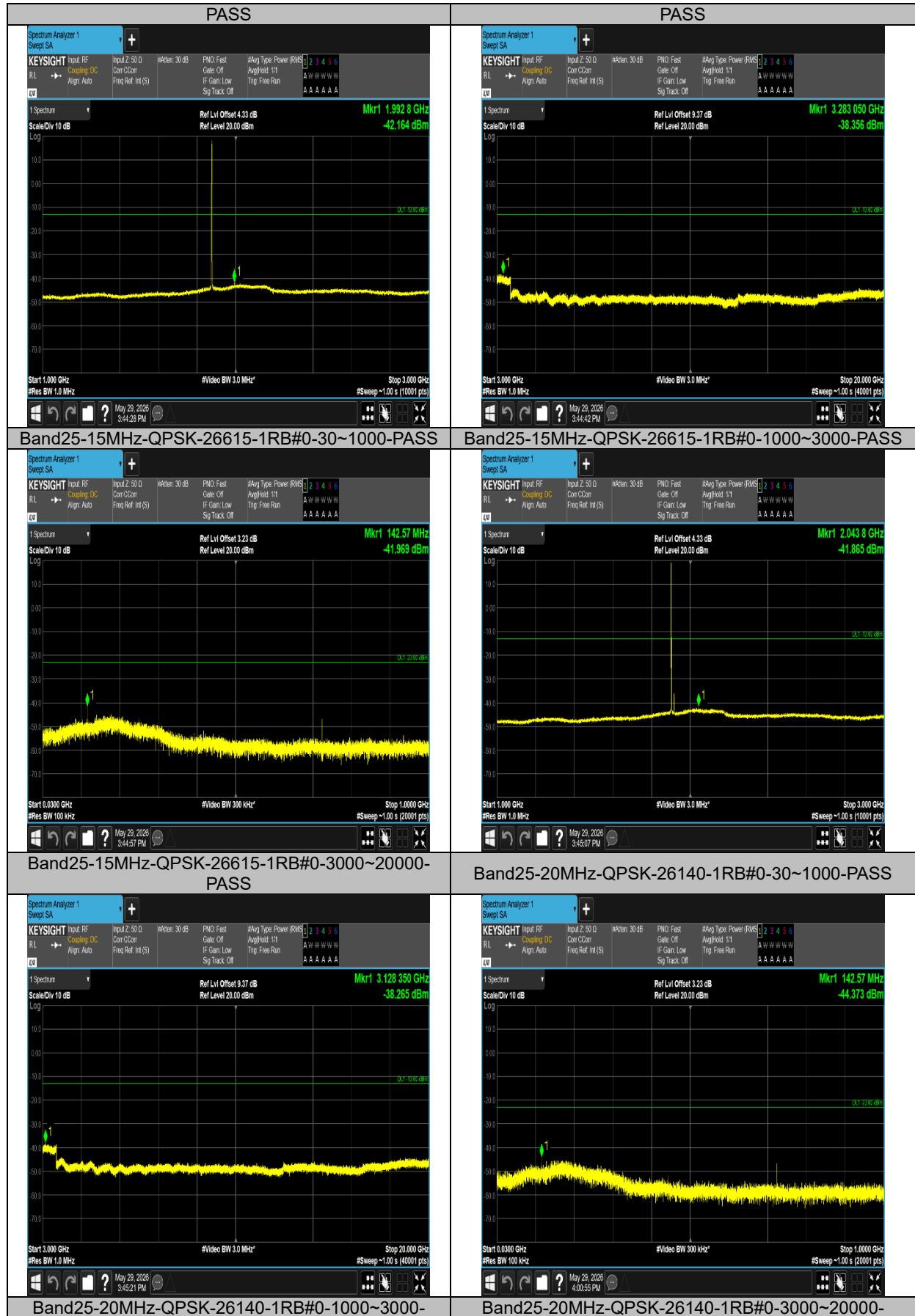


Test Report No.: RF260623B002

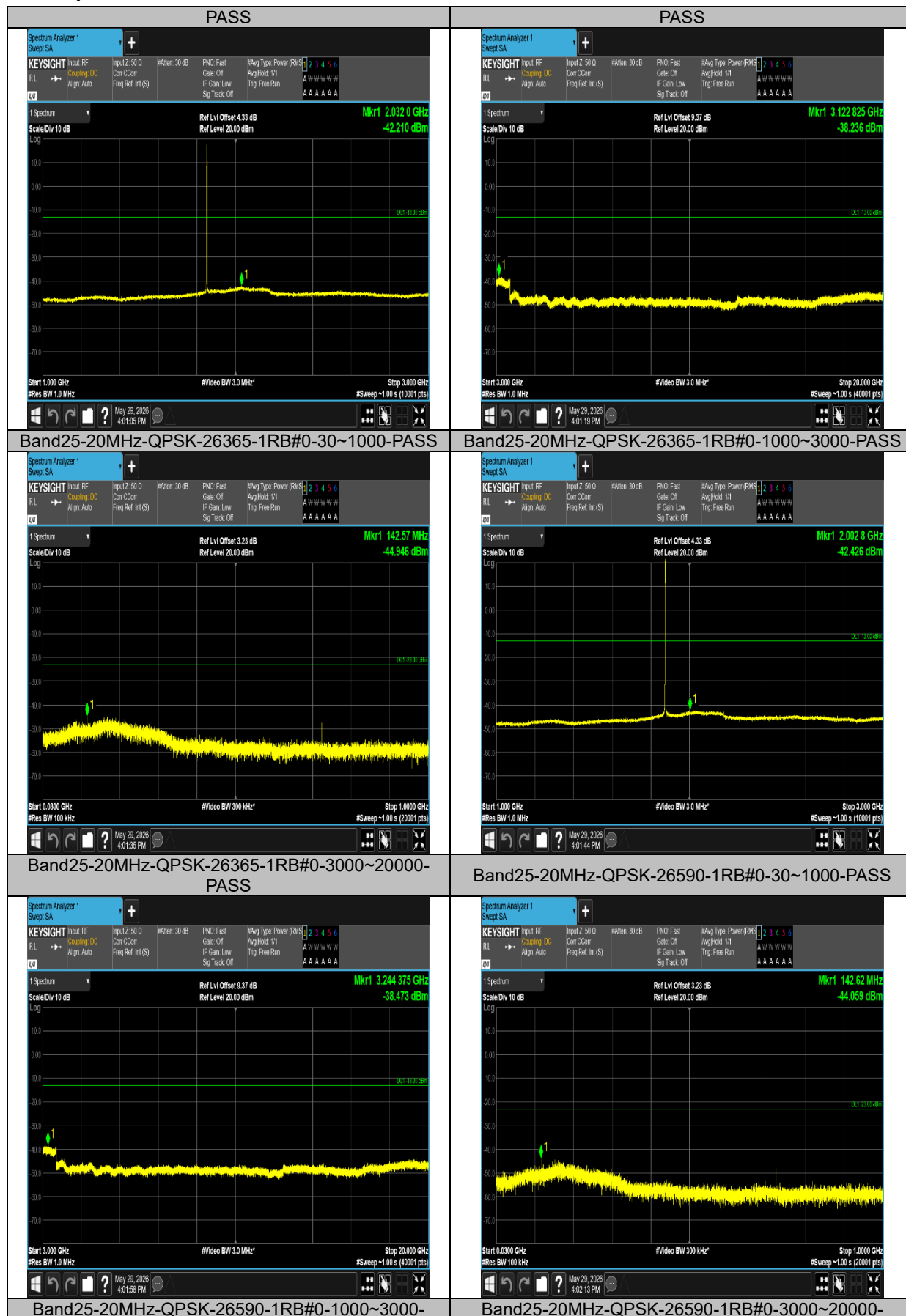


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Test Report No.: RF260623B002

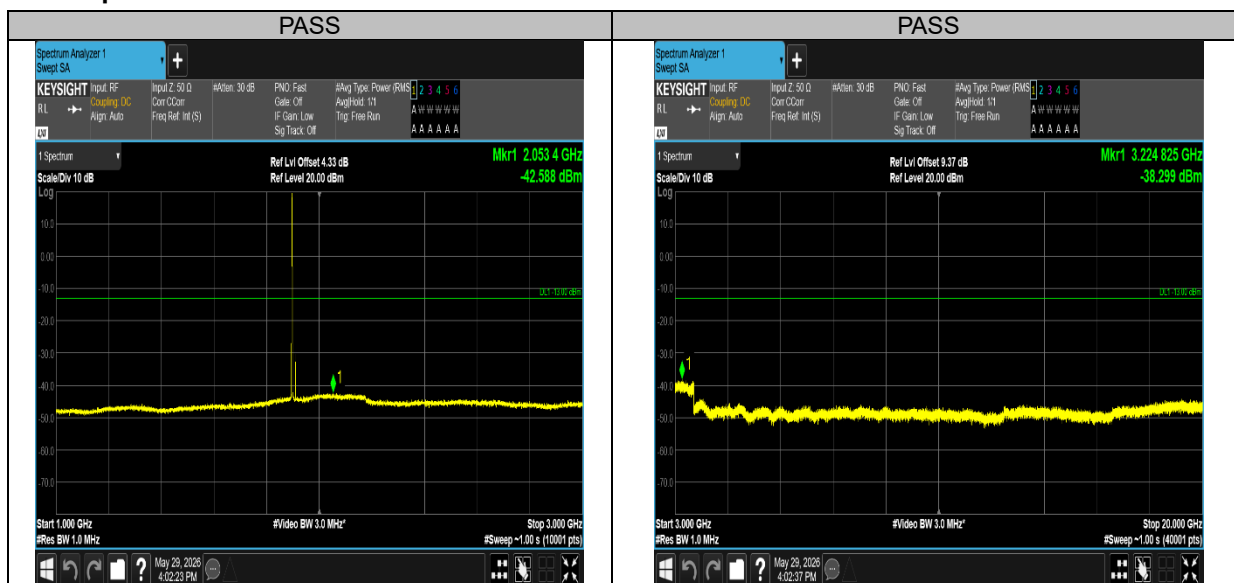


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Test Report No.: RF260623B002

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	10MHz	QPSK	26090	50RB#0	VN	NT	-2409.48	-1.298911	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	VL	NT	230.10	0.124041	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	VH	NT	-3339.43	-1.800233	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	VN	NT	-1299.33	-0.680278	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	VL	NT	-2729.69	-1.429156	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	VH	NT	3360.44	1.759394	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	10MHz	QPSK	26090	50RB#0	NV	-30	30.17	0.016266	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	-20	1010.98	0.545002	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	-10	2170.09	1.169862	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	0	-2779.74	-1.498512	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	10	-4619.68	-2.490394	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	20	330.28	0.178047	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	30	1100.80	0.593424	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	40	2030.12	1.094404	±2.5	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	50	-179.54	-0.096786	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-30	980.32	0.513256	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-20	1920.07	1.005272	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-10	130.63	0.068394	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	0	3480.85	1.822436	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	10	1580.78	0.827634	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	20	3000.73	1.571060	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	30	1980.86	1.037098	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	40	2170.42	1.136346	±2.5	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	50	2770.87	1.450716	±2.5	PASS

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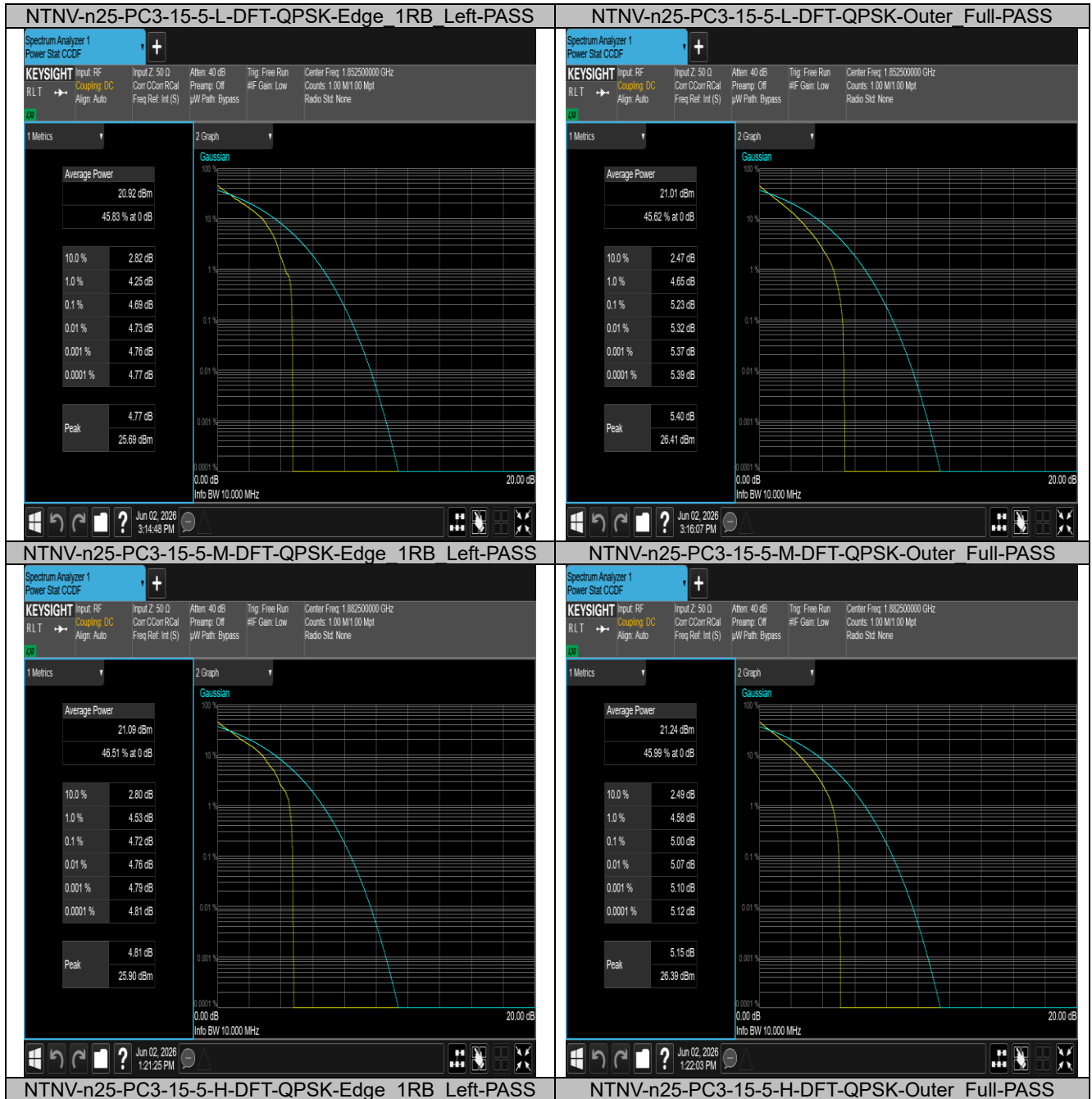
Test Report No.: RF260623B002

FCC-SA N25(INCLUDING N2)
Peak-to-Average Ratio for SA
Peak-to-Average Ratio(CCDF)

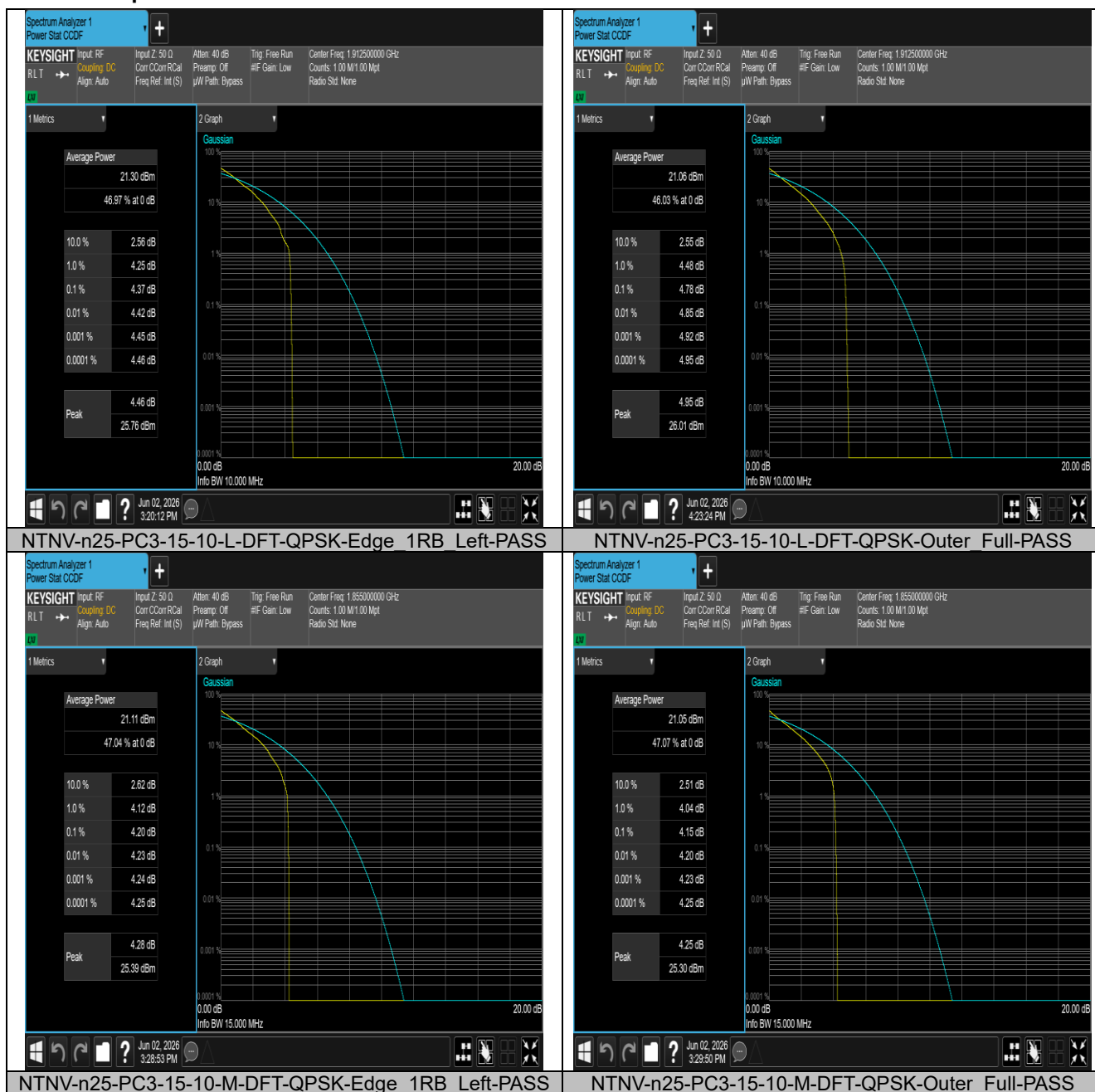
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n25	15	5	DFT-QPSK	L	Edge_1RB_Left	4.69	≤13dB	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	5.23	≤13dB	PASS
n25	15	5	DFT-QPSK	M	Edge_1RB_Left	4.72	≤13dB	PASS
n25	15	5	DFT-QPSK	M	Outer_Full	5	≤13dB	PASS
n25	15	5	DFT-QPSK	H	Edge_1RB_Left	4.37	≤13dB	PASS
n25	15	5	DFT-QPSK	H	Outer_Full	4.78	≤13dB	PASS
n25	15	10	DFT-QPSK	L	Edge_1RB_Left	4.2	≤13dB	PASS
n25	15	10	DFT-QPSK	L	Outer_Full	4.15	≤13dB	PASS
n25	15	10	DFT-QPSK	M	Edge_1RB_Left	4.38	≤13dB	PASS
n25	15	10	DFT-QPSK	M	Outer_Full	5.04	≤13dB	PASS
n25	15	10	DFT-QPSK	H	Edge_1RB_Left	4.24	≤13dB	PASS
n25	15	10	DFT-QPSK	H	Outer_Full	5.03	≤13dB	PASS
n25	15	15	DFT-QPSK	L	Edge_1RB_Left	4.37	≤13dB	PASS
n25	15	15	DFT-QPSK	L	Outer_Full	4.93	≤13dB	PASS
n25	15	15	DFT-QPSK	M	Edge_1RB_Left	4.63	≤13dB	PASS
n25	15	15	DFT-QPSK	M	Outer_Full	5.24	≤13dB	PASS
n25	15	15	DFT-QPSK	H	Edge_1RB_Left	4.21	≤13dB	PASS
n25	15	15	DFT-QPSK	H	Outer_Full	4.98	≤13dB	PASS
n25	15	20	DFT-QPSK	L	Edge_1RB_Left	4.13	≤13dB	PASS
n25	15	20	DFT-QPSK	L	Outer_Full	4.67	≤13dB	PASS
n25	15	20	DFT-QPSK	M	Edge_1RB_Left	3.61	≤13dB	PASS
n25	15	20	DFT-QPSK	M	Outer_Full	5.19	≤13dB	PASS
n25	15	20	DFT-QPSK	H	Edge_1RB_Left	4.28	≤13dB	PASS
n25	15	20	DFT-QPSK	H	Outer_Full	4.91	≤13dB	PASS

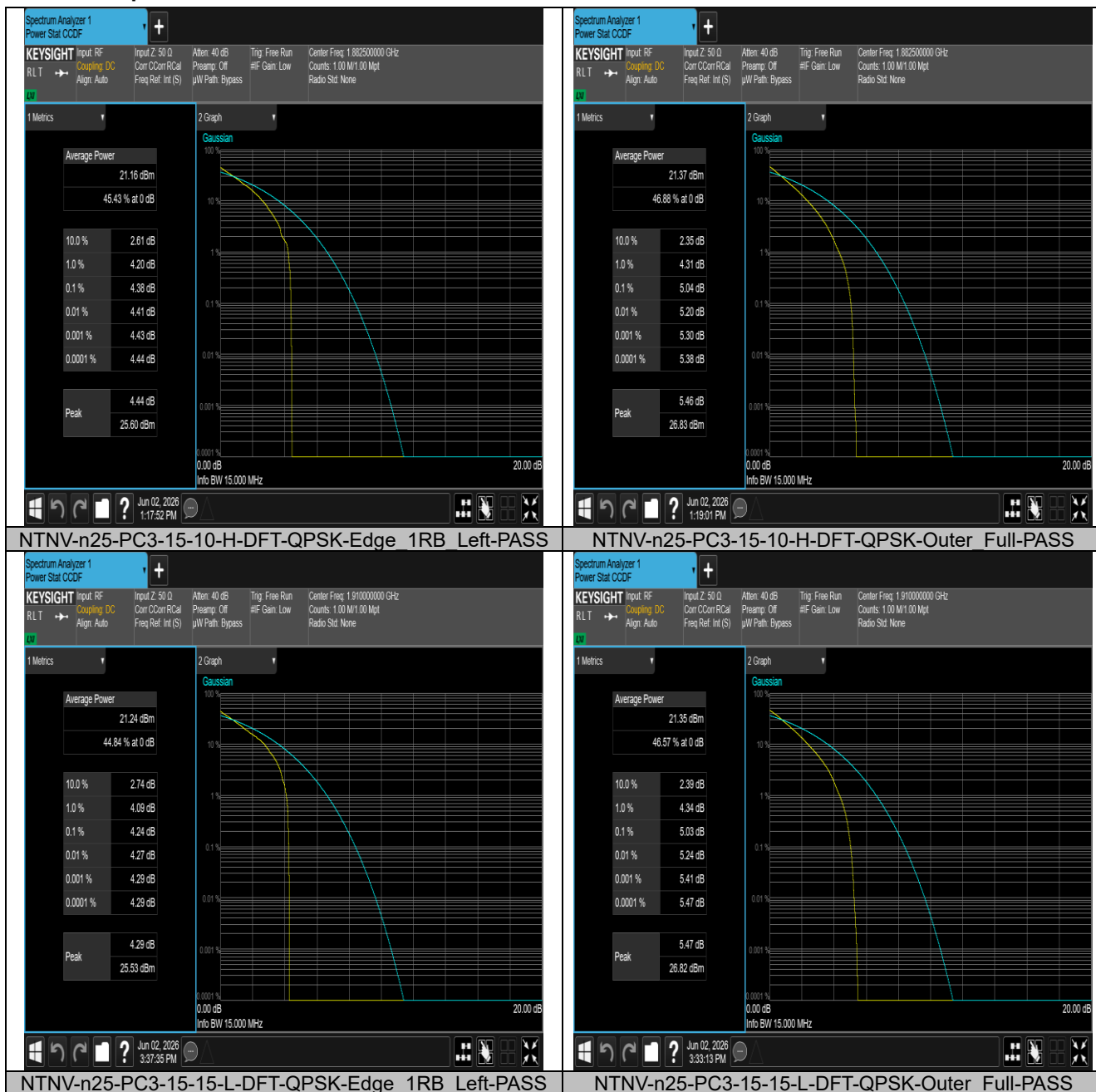
Test Graphs



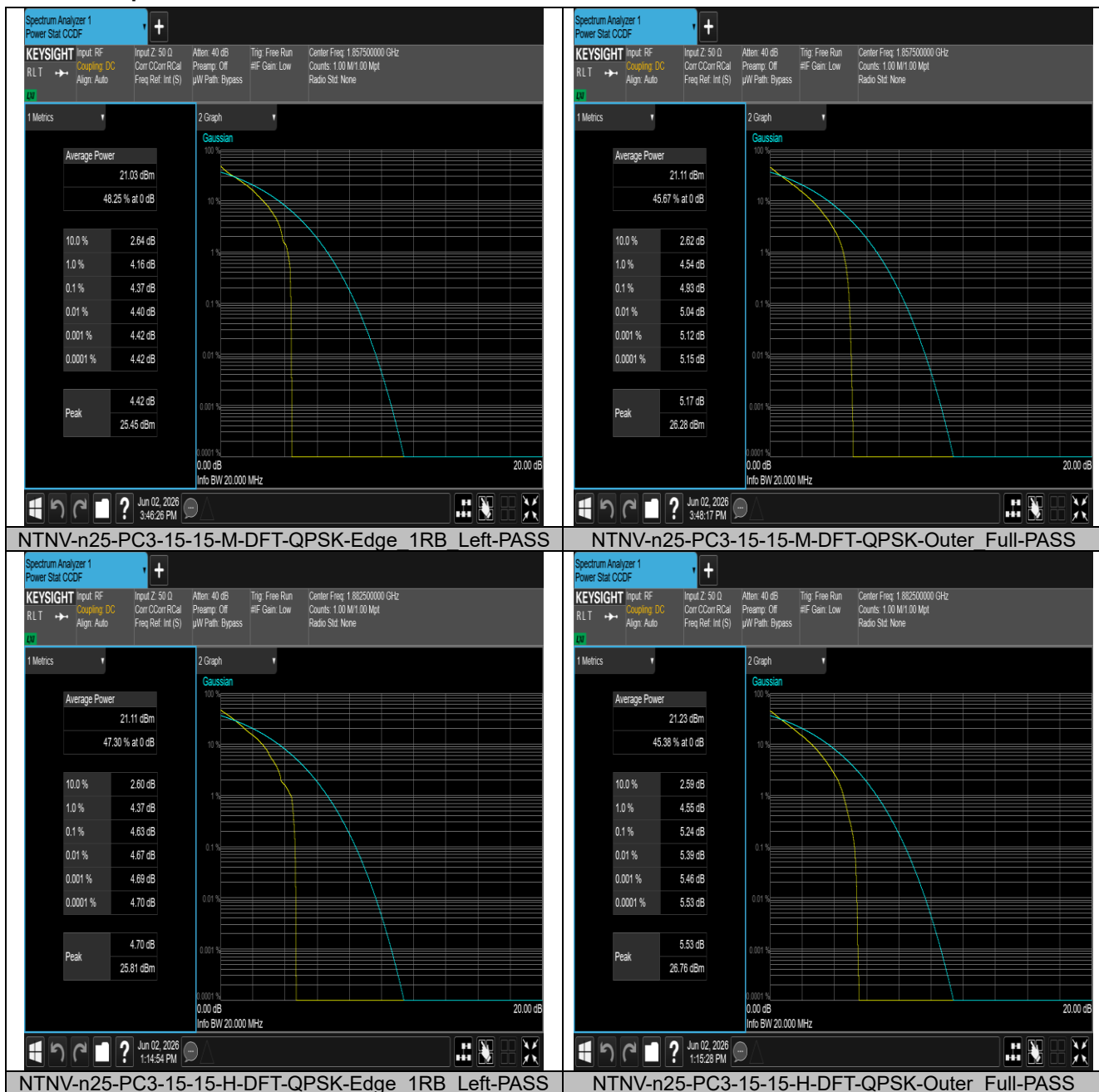
Test Report No.: RF260623B002



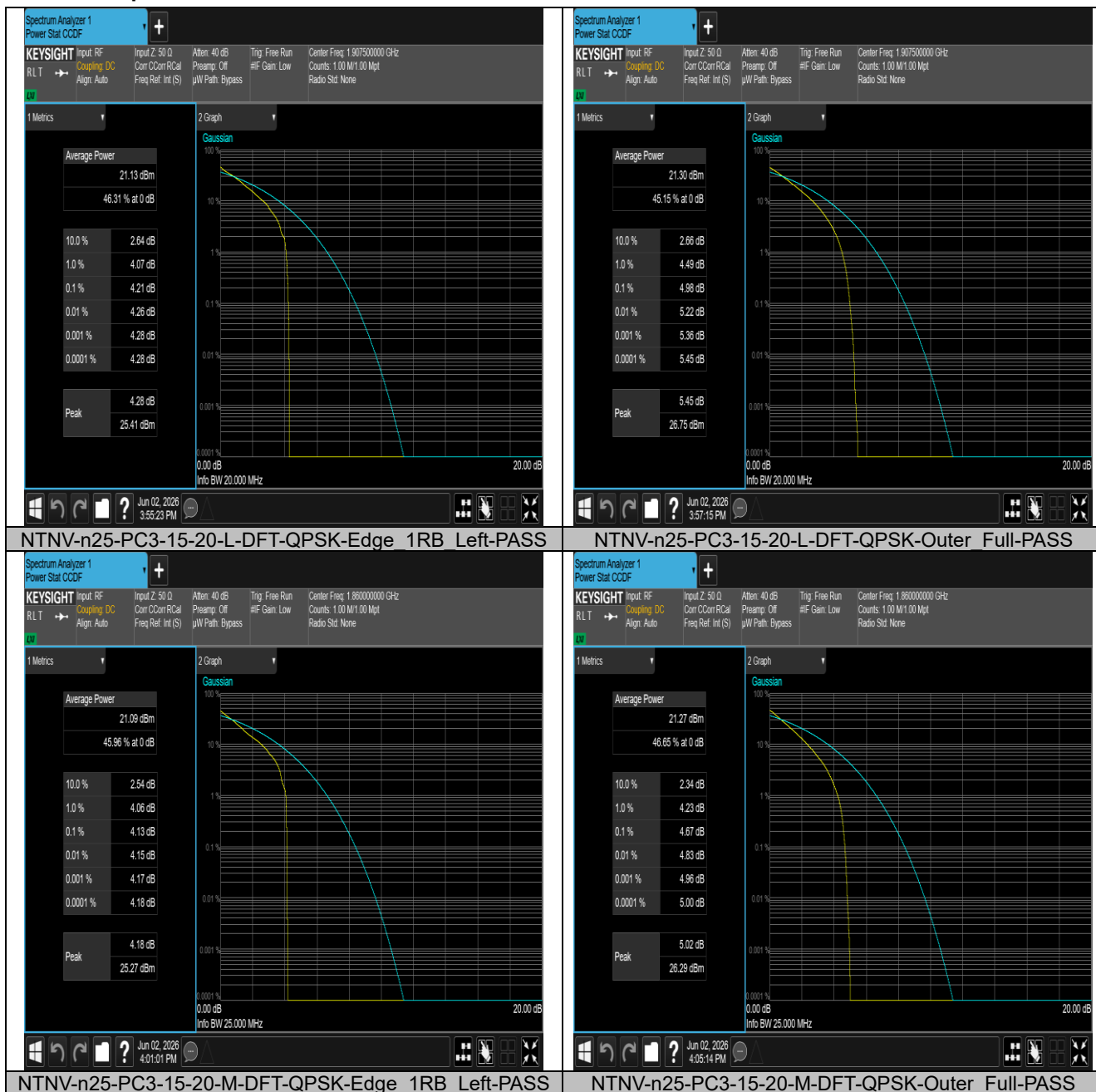
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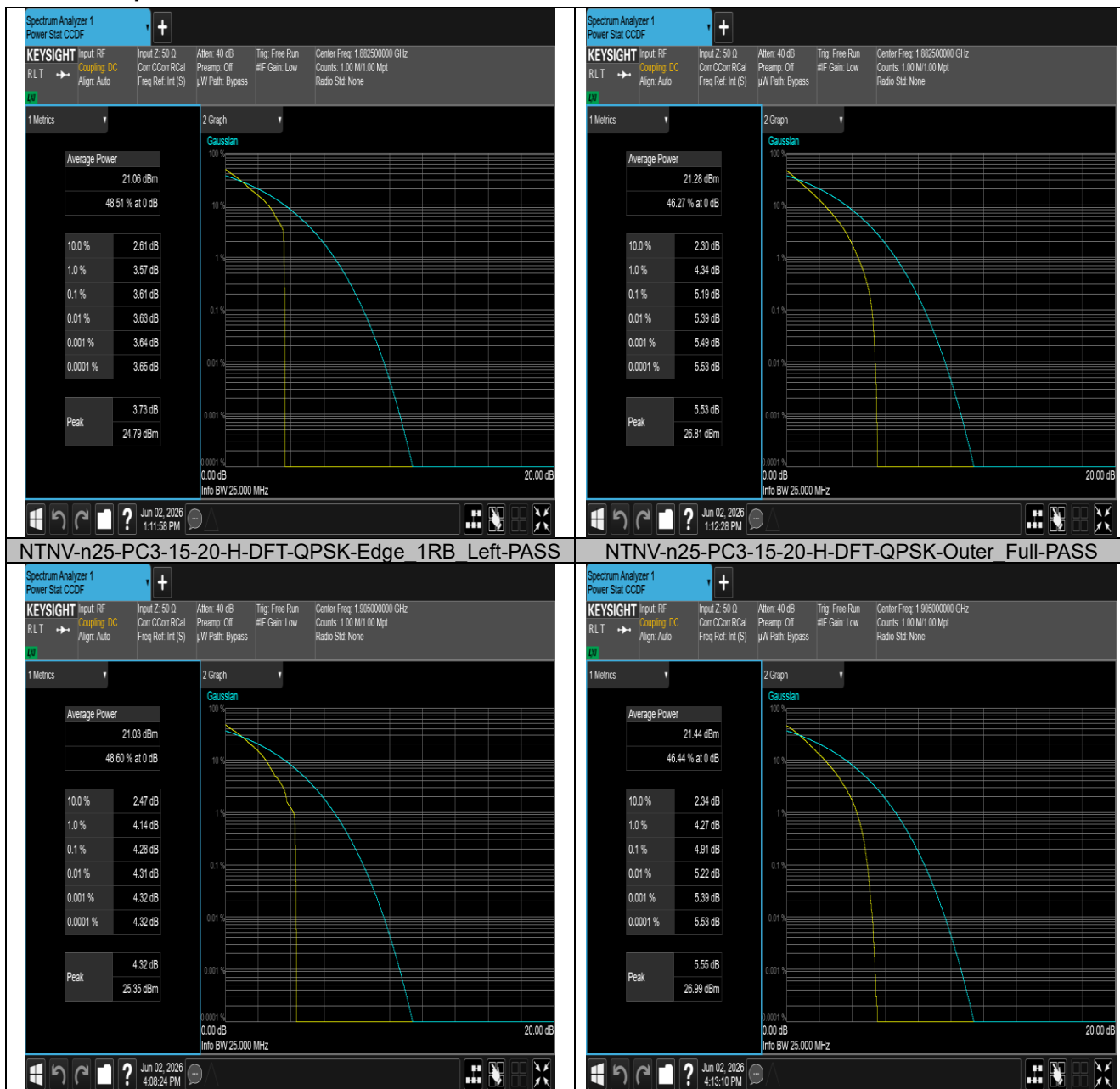
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26dB Bandwidth and Occupied Bandwidth for SA

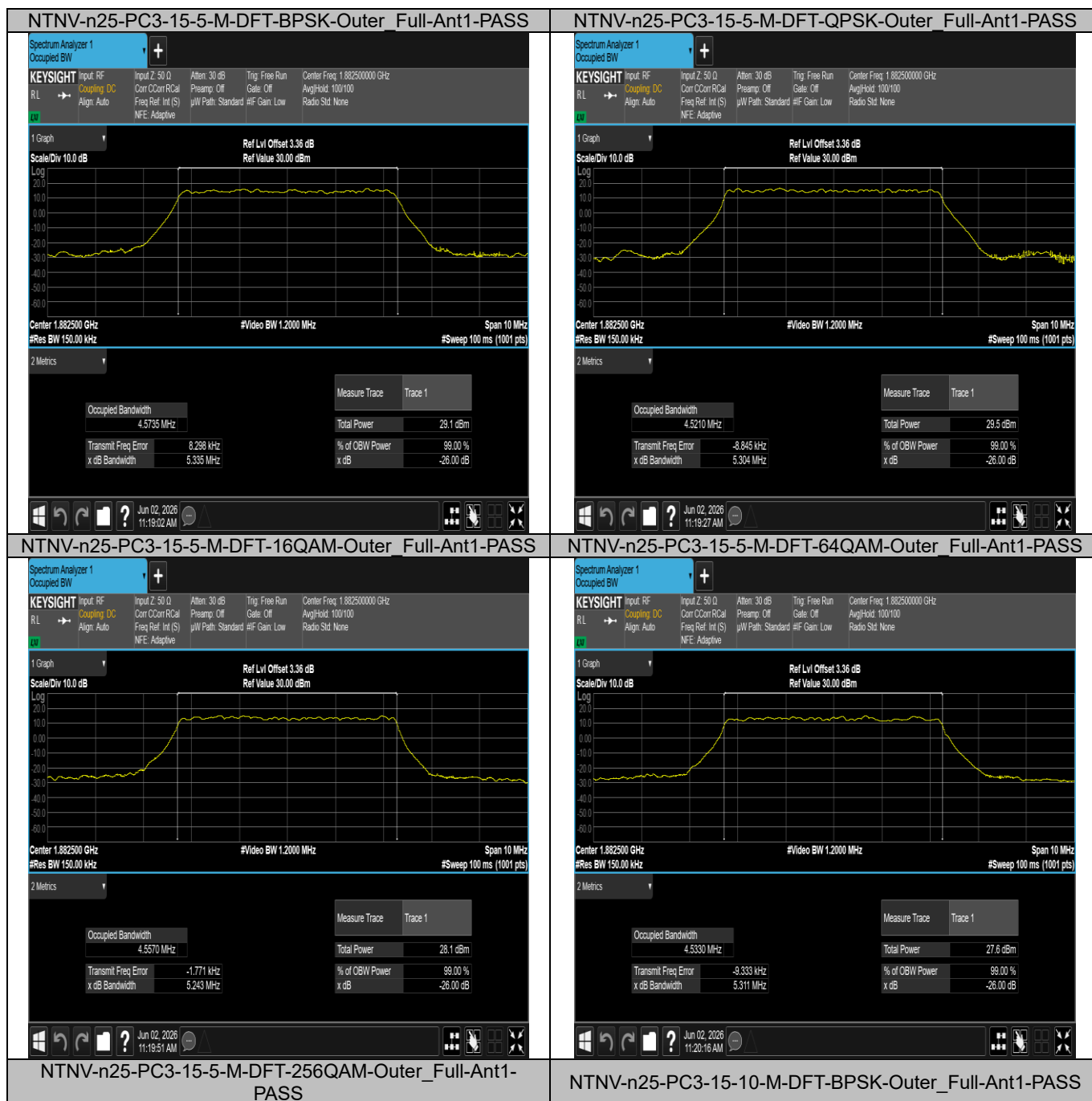
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n25	15	5	DFT-BPSK	M	Outer_Full	4.5735	5.335	PASS
n25	15	5	DFT-QPSK	M	Outer_Full	4.5210	5.304	PASS
n25	15	5	DFT-16QAM	M	Outer_Full	4.5570	5.243	PASS
n25	15	5	DFT-64QAM	M	Outer_Full	4.5330	5.311	PASS
n25	15	5	DFT-256QAM	M	Outer_Full	4.5478	5.276	PASS
n25	15	10	DFT-BPSK	M	Outer_Full	9.0014	9.901	PASS
n25	15	10	DFT-QPSK	M	Outer_Full	9.0145	9.872	PASS
n25	15	10	DFT-16QAM	M	Outer_Full	8.9567	9.797	PASS
n25	15	10	DFT-64QAM	M	Outer_Full	8.9700	9.857	PASS
n25	15	10	DFT-256QAM	M	Outer_Full	8.9488	9.841	PASS
n25	15	15	DFT-BPSK	M	Outer_Full	13.412	14.45	PASS
n25	15	15	DFT-QPSK	M	Outer_Full	13.463	14.52	PASS
n25	15	15	DFT-16QAM	M	Outer_Full	13.436	14.44	PASS
n25	15	15	DFT-64QAM	M	Outer_Full	13.452	14.46	PASS
n25	15	15	DFT-256QAM	M	Outer_Full	13.473	14.44	PASS
n25	15	20	DFT-BPSK	M	Outer_Full	17.902	19.09	PASS
n25	15	20	DFT-QPSK	M	Outer_Full	17.854	18.95	PASS
n25	15	20	DFT-16QAM	M	Outer_Full	17.869	18.99	PASS
n25	15	20	DFT-64QAM	M	Outer_Full	17.942	19.03	PASS
n25	15	20	DFT-256QAM	M	Outer_Full	17.893	19.11	PASS



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Test Graphs



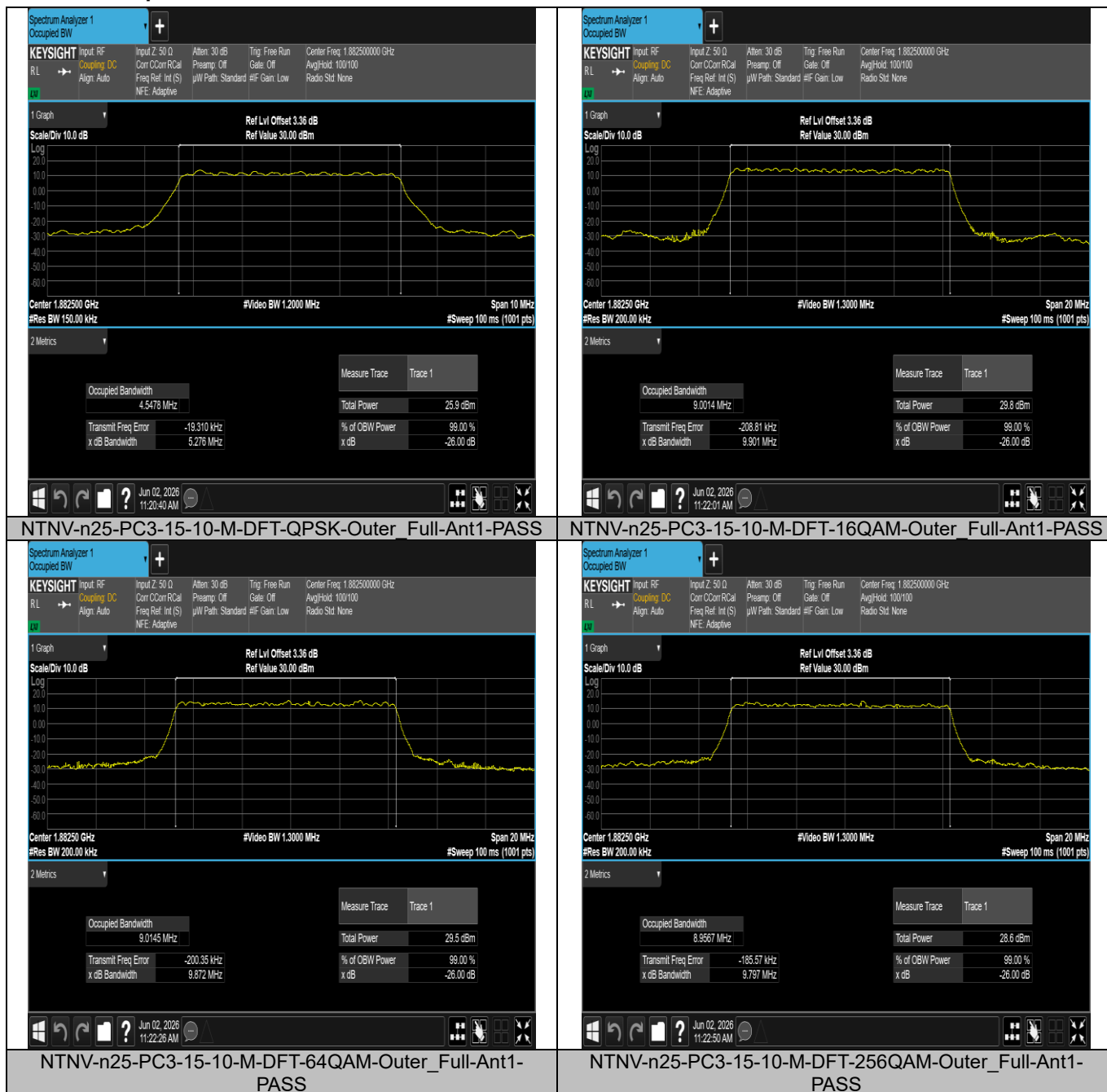
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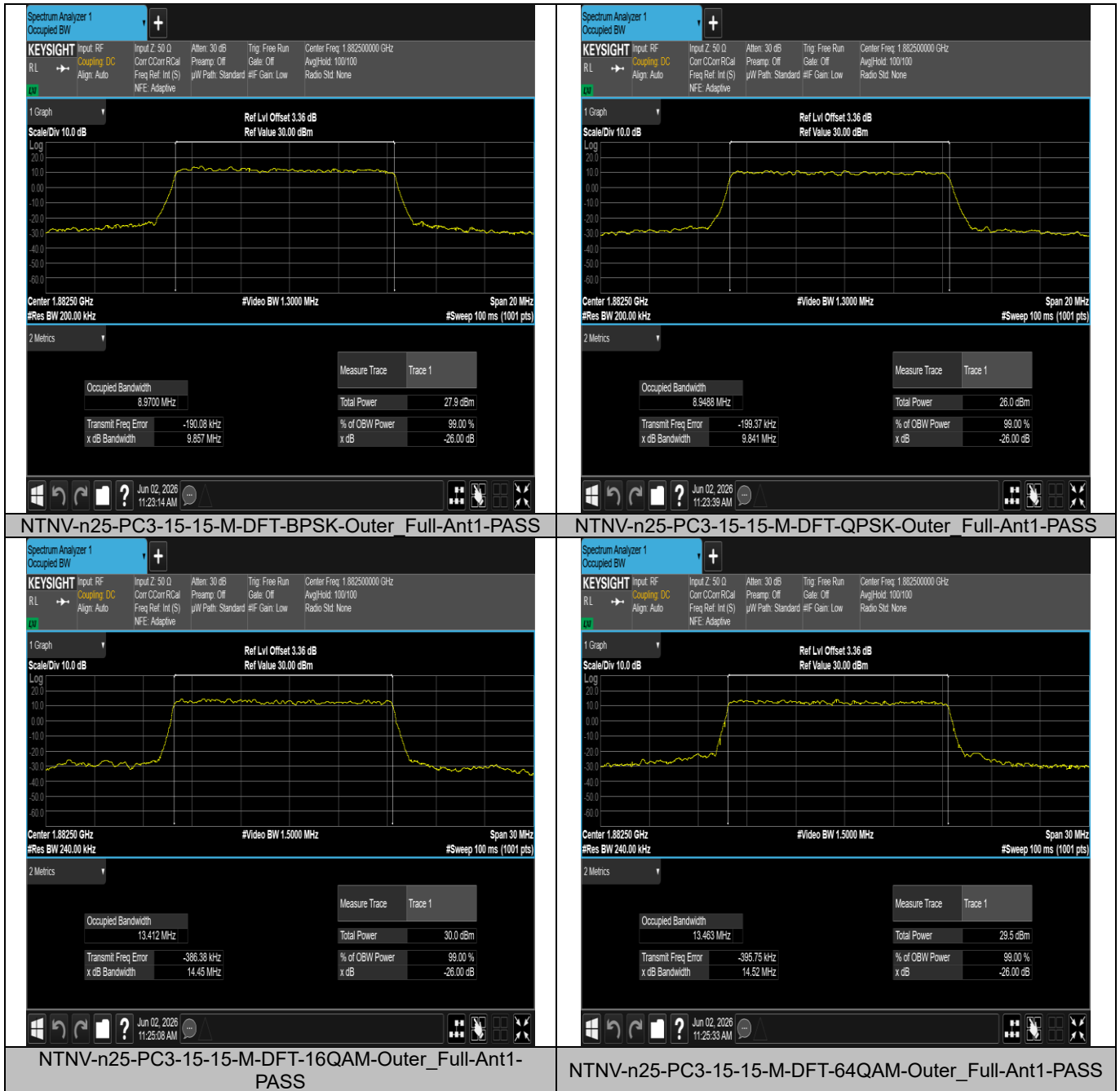
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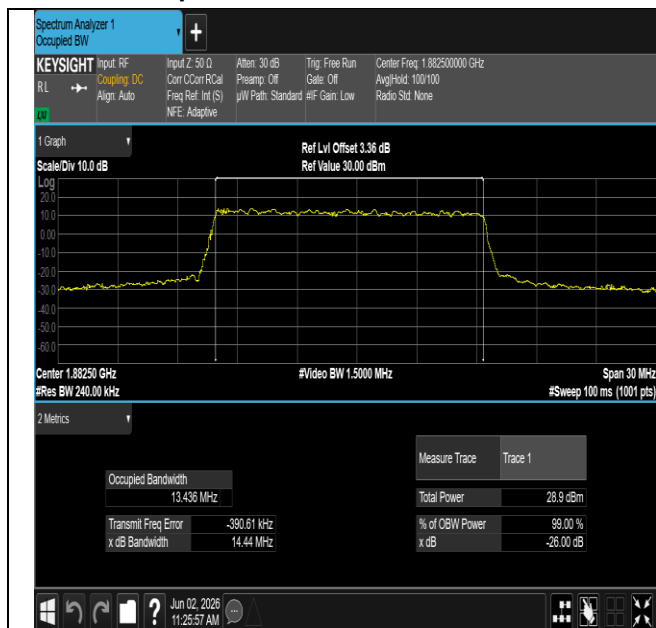
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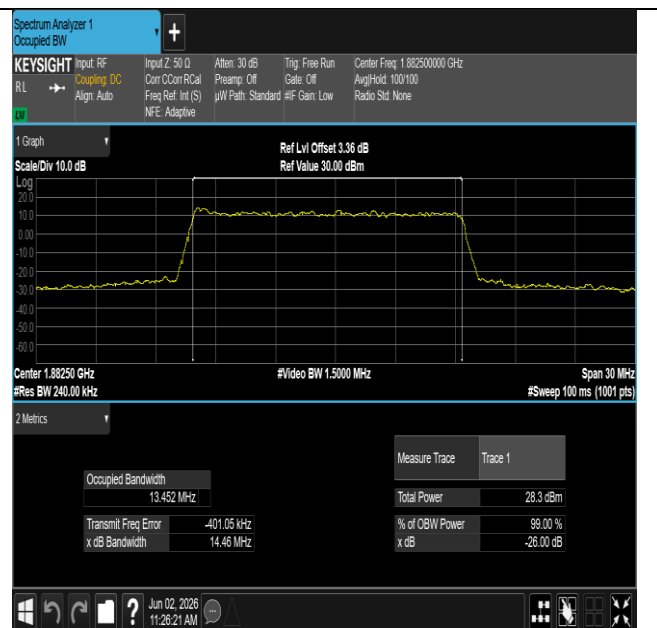
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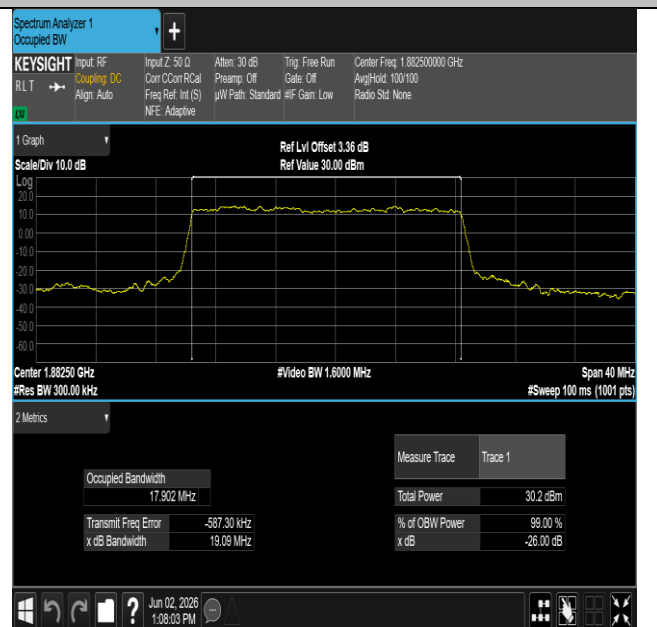
NTNV-n25-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-n25-PC3-15-20-M-DFT-BPSK-Outer_Full-Ant1-PASS

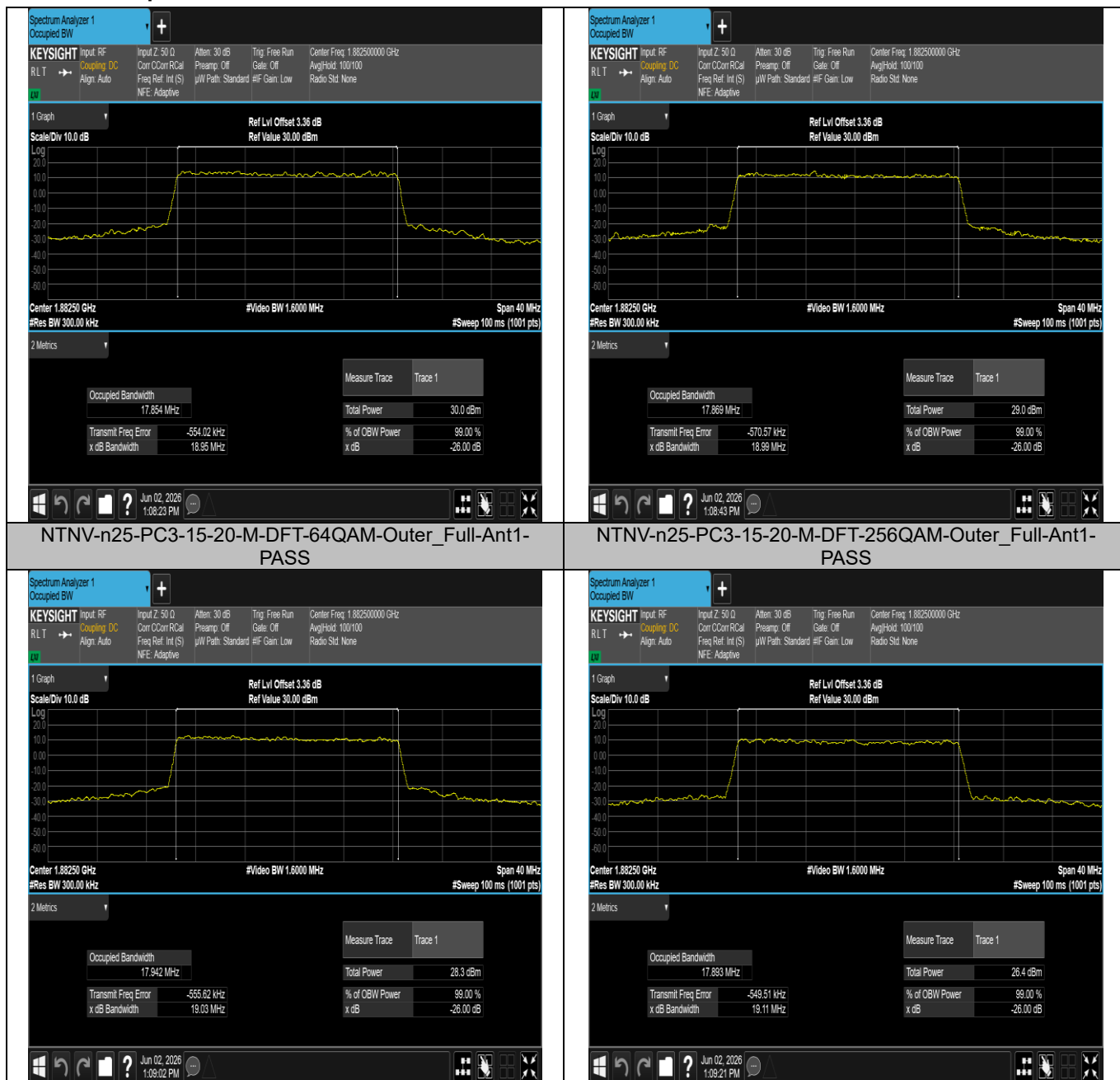


NTNV-n25-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-n25-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant1-PASS

Test Report No.: RF260623B002

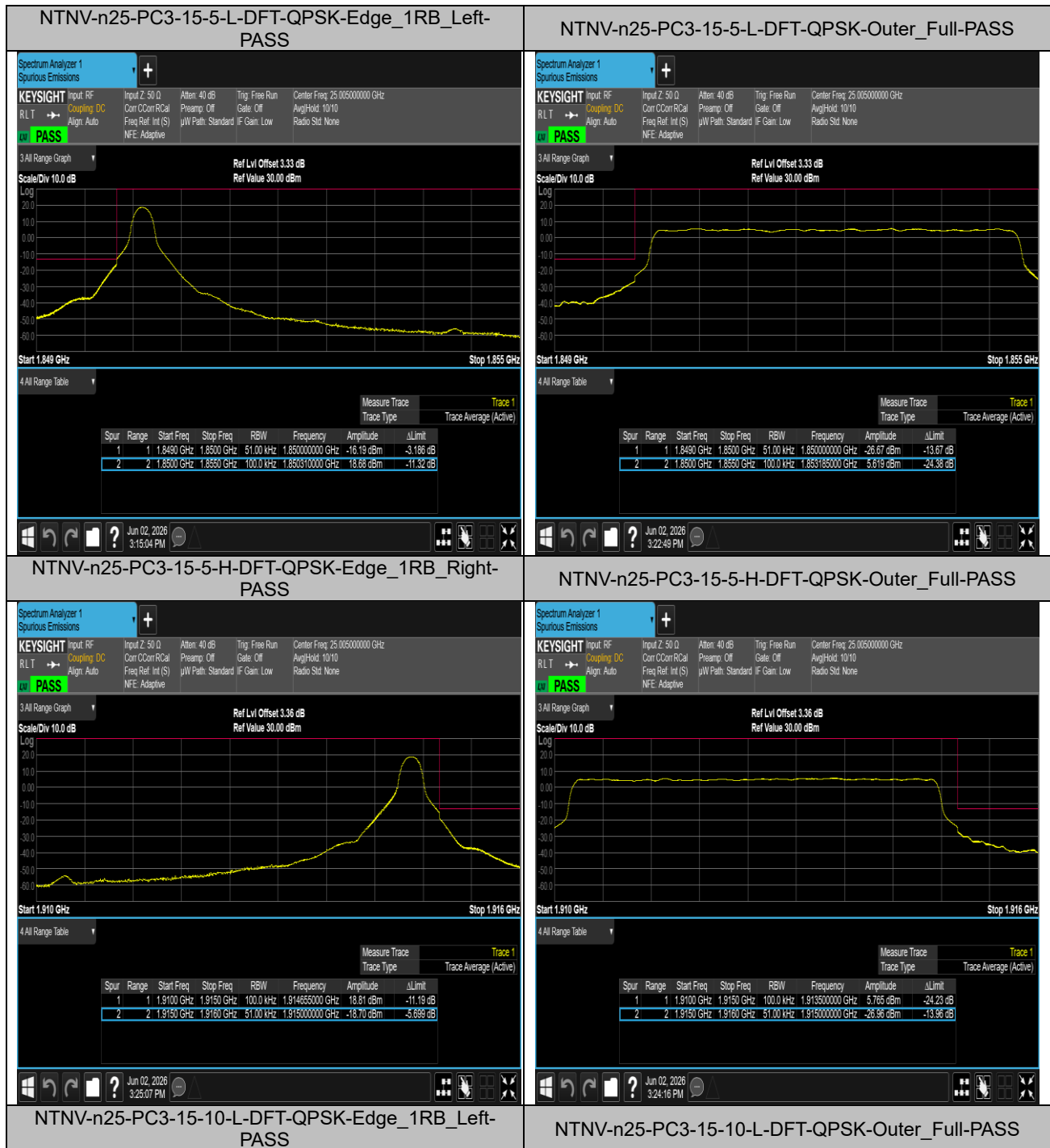


Band Edge for SA

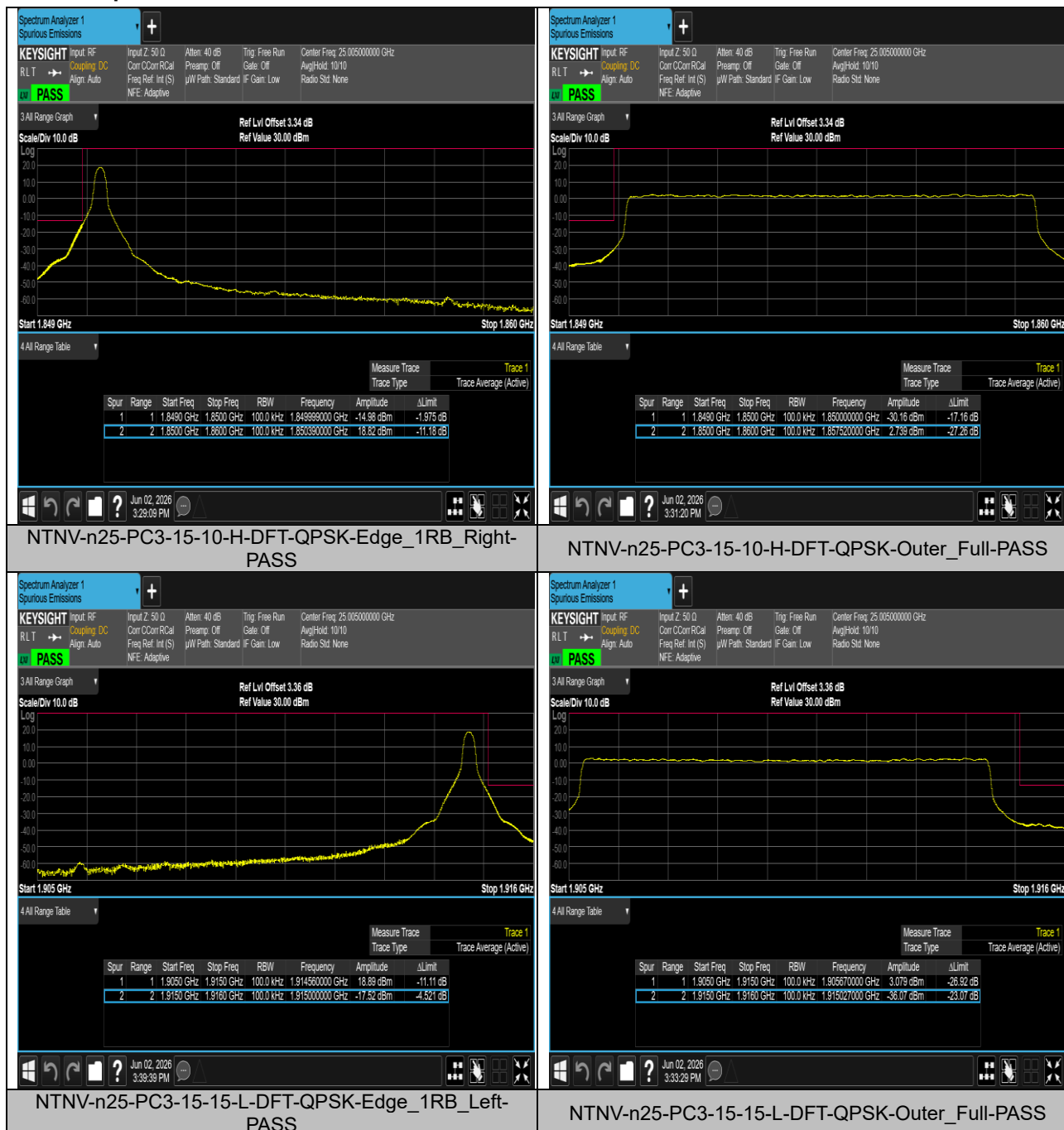
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dBm)	Verdict
n25	15	5	DFT-QPSK	L	Edge_1RB_Left	-16.19	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	-26.67	PASS
n25	15	5	DFT-QPSK	H	Edge_1RB_Right	-18.70	PASS
n25	15	5	DFT-QPSK	H	Outer_Full	-26.96	PASS
n25	15	10	DFT-QPSK	L	Edge_1RB_Left	-14.98	PASS
n25	15	10	DFT-QPSK	L	Outer_Full	-30.16	PASS
n25	15	10	DFT-QPSK	H	Edge_1RB_Right	-17.52	PASS
n25	15	10	DFT-QPSK	H	Outer_Full	-36.07	PASS
n25	15	15	DFT-QPSK	L	Edge_1RB_Left	-18.80	PASS
n25	15	15	DFT-QPSK	L	Outer_Full	-30.92	PASS
n25	15	15	DFT-QPSK	H	Edge_1RB_Right	-20.24	PASS
n25	15	15	DFT-QPSK	H	Outer_Full	-36.44	PASS
n25	15	20	DFT-QPSK	L	Edge_1RB_Left	-18.47	PASS
n25	15	20	DFT-QPSK	L	Outer_Full	-32.93	PASS
n25	15	20	DFT-QPSK	H	Edge_1RB_Right	-22.88	PASS
n25	15	20	DFT-QPSK	H	Outer_Full	-35.83	PASS

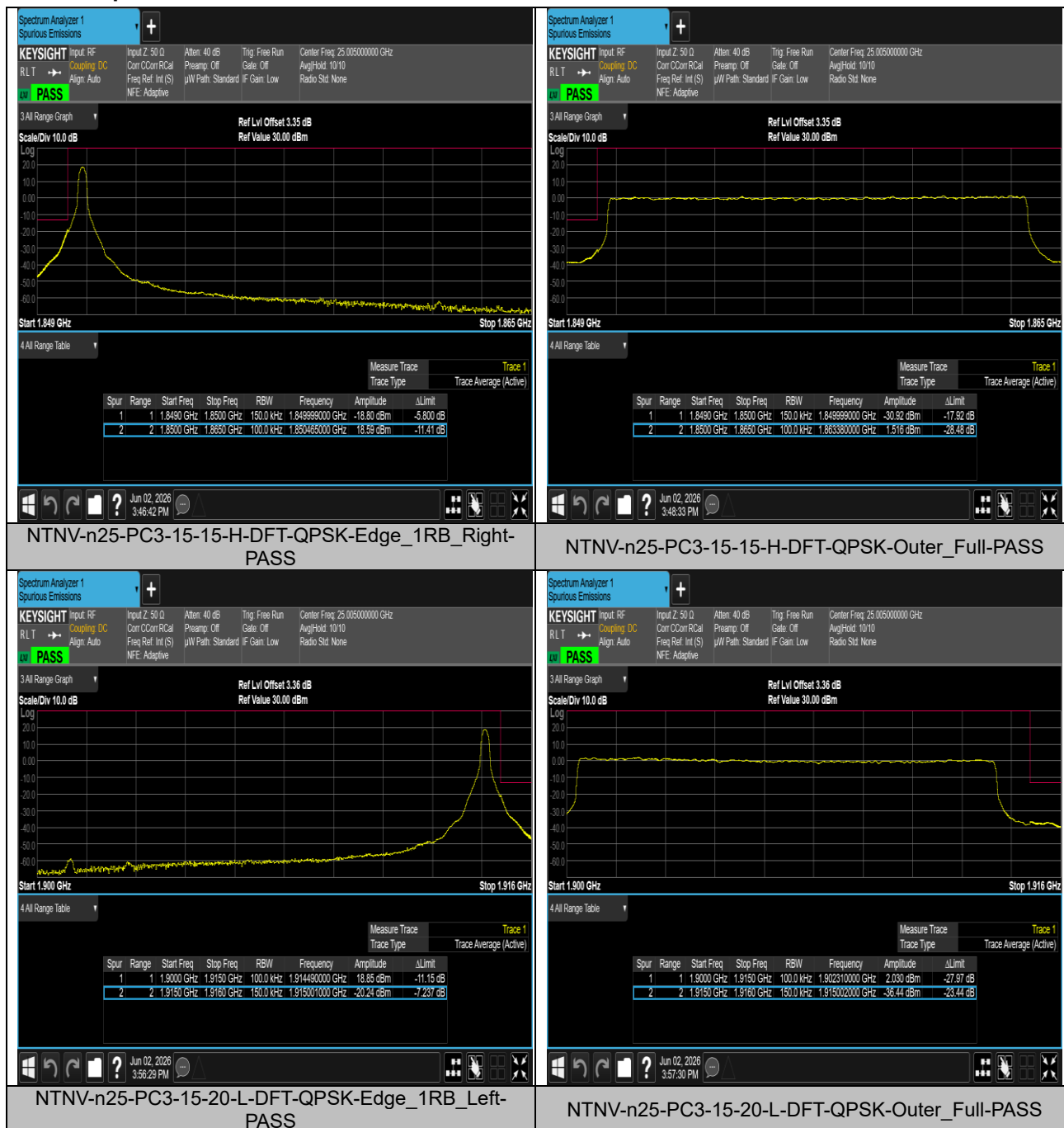
Test Graphs



Test Report No.: RF260623B002



Test Report No.: RF260623B002



Test Report No.: RF260623B002





Test Report No.: RF260623B002

Conducted Spurious Emission for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n25	15	5	DFT-QPSK	L	Edge 1RB Left	30	1000	-64.52	≤-23dBm	PASS
n25	15	5	DFT-QPSK	L	Edge 1RB Left	1000	3000	-29.53	≤-13dBm	PASS
n25	15	5	DFT-QPSK	L	Edge 1RB Left	3000	12000	-41.70	≤-13dBm	PASS
n25	15	5	DFT-QPSK	L	Edge 1RB Left	12000	20000	-68.69	≤-13dBm	PASS
n25	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-64.53	≤-23dBm	PASS
n25	15	5	DFT-QPSK	M	Edge 1RB Left	1000	3000	-57.69	≤-13dBm	PASS
n25	15	5	DFT-QPSK	M	Edge 1RB Left	3000	12000	-39.49	≤-13dBm	PASS
n25	15	5	DFT-QPSK	M	Edge 1RB Left	12000	20000	-69.40	≤-13dBm	PASS
n25	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-64.63	≤-23dBm	PASS
n25	15	5	DFT-QPSK	H	Edge 1RB Left	1000	3000	-52.45	≤-13dBm	PASS
n25	15	5	DFT-QPSK	H	Edge 1RB Left	3000	12000	-35.71	≤-13dBm	PASS
n25	15	5	DFT-QPSK	H	Edge 1RB Left	12000	20000	-68.57	≤-13dBm	PASS
n25	15	10	DFT-QPSK	L	Edge 1RB Left	30	1000	-64.50	≤-23dBm	PASS
n25	15	10	DFT-QPSK	L	Edge 1RB Left	1000	3000	-32.83	≤-13dBm	PASS
n25	15	10	DFT-QPSK	L	Edge 1RB Left	3000	12000	-42.03	≤-13dBm	PASS
n25	15	10	DFT-QPSK	L	Edge 1RB Left	12000	20000	-68.40	≤-13dBm	PASS
n25	15	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-64.46	≤-23dBm	PASS
n25	15	10	DFT-QPSK	M	Edge 1RB Left	1000	3000	-57.92	≤-13dBm	PASS
n25	15	10	DFT-QPSK	M	Edge 1RB Left	3000	12000	-39.69	≤-13dBm	PASS
n25	15	10	DFT-QPSK	M	Edge 1RB Left	12000	20000	-69.27	≤-13dBm	PASS
n25	15	10	DFT-QPSK	H	Edge 1RB Left	30	1000	-64.65	≤-23dBm	PASS
n25	15	10	DFT-QPSK	H	Edge 1RB Left	1000	3000	-54.72	≤-13dBm	PASS
n25	15	10	DFT-QPSK	H	Edge 1RB Left	3000	12000	-36.27	≤-13dBm	PASS
n25	15	10	DFT-QPSK	H	Edge 1RB Left	12000	20000	-68.43	≤-13dBm	PASS
n25	15	15	DFT-QPSK	L	Edge 1RB Left	30	1000	-65.41	≤-23dBm	PASS
n25	15	15	DFT-QPSK	L	Edge 1RB Left	1000	3000	-48.55	≤-13dBm	PASS
n25	15	15	DFT-QPSK	L	Edge 1RB Left	3000	12000	-40.84	≤-13dBm	PASS
n25	15	15	DFT-QPSK	L	Edge 1RB Left	12000	20000	-69.04	≤-13dBm	PASS
n25	15	15	DFT-QPSK	M	Edge 1RB Left	30	1000	-65.35	≤-23dBm	PASS
n25	15	15	DFT-QPSK	M	Edge 1RB Left	1000	3000	-57.59	≤-13dBm	PASS
n25	15	15	DFT-QPSK	M	Edge 1RB Left	3000	12000	-40.34	≤-13dBm	PASS
n25	15	15	DFT-QPSK	M	Edge 1RB Left	12000	20000	-68.21	≤-13dBm	PASS
n25	15	15	DFT-QPSK	H	Edge 1RB Left	30	1000	-64.72	≤-23dBm	PASS
n25	15	15	DFT-QPSK	H	Edge 1RB Left	1000	3000	-57.50	≤-13dBm	PASS
n25	15	15	DFT-QPSK	H	Edge 1RB Left	3000	12000	-37.13	≤-13dBm	PASS
n25	15	15	DFT-QPSK	H	Edge 1RB Left	12000	20000	-68.46	≤-13dBm	PASS
n25	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-64.94	≤-23dBm	PASS
n25	15	20	DFT-QPSK	L	Edge 1RB Left	1000	3000	-37.45	≤-13dBm	PASS
n25	15	20	DFT-QPSK	L	Edge 1RB Left	3000	12000	-41.71	≤-13dBm	PASS
n25	15	20	DFT-QPSK	L	Edge 1RB Left	12000	20000	-68.49	≤-13dBm	PASS
n25	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-64.83	≤-23dBm	PASS
n25	15	20	DFT-QPSK	M	Edge 1RB Left	1000	3000	-57.79	≤-13dBm	PASS
n25	15	20	DFT-QPSK	M	Edge 1RB Left	3000	12000	-39.82	≤-13dBm	PASS
n25	15	20	DFT-QPSK	M	Edge 1RB Left	12000	20000	-68.71	≤-13dBm	PASS
n25	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-65.13	≤-23dBm	PASS
n25	15	20	DFT-QPSK	H	Edge 1RB Left	1000	3000	-57.54	≤-13dBm	PASS
n25	15	20	DFT-QPSK	H	Edge 1RB Left	3000	12000	-37.03	≤-13dBm	PASS
n25	15	20	DFT-QPSK	H	Edge 1RB Left	12000	20000	-67.97	≤-13dBm	PASS

Test Graphs

NTNV-n25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-30-1000-PASS

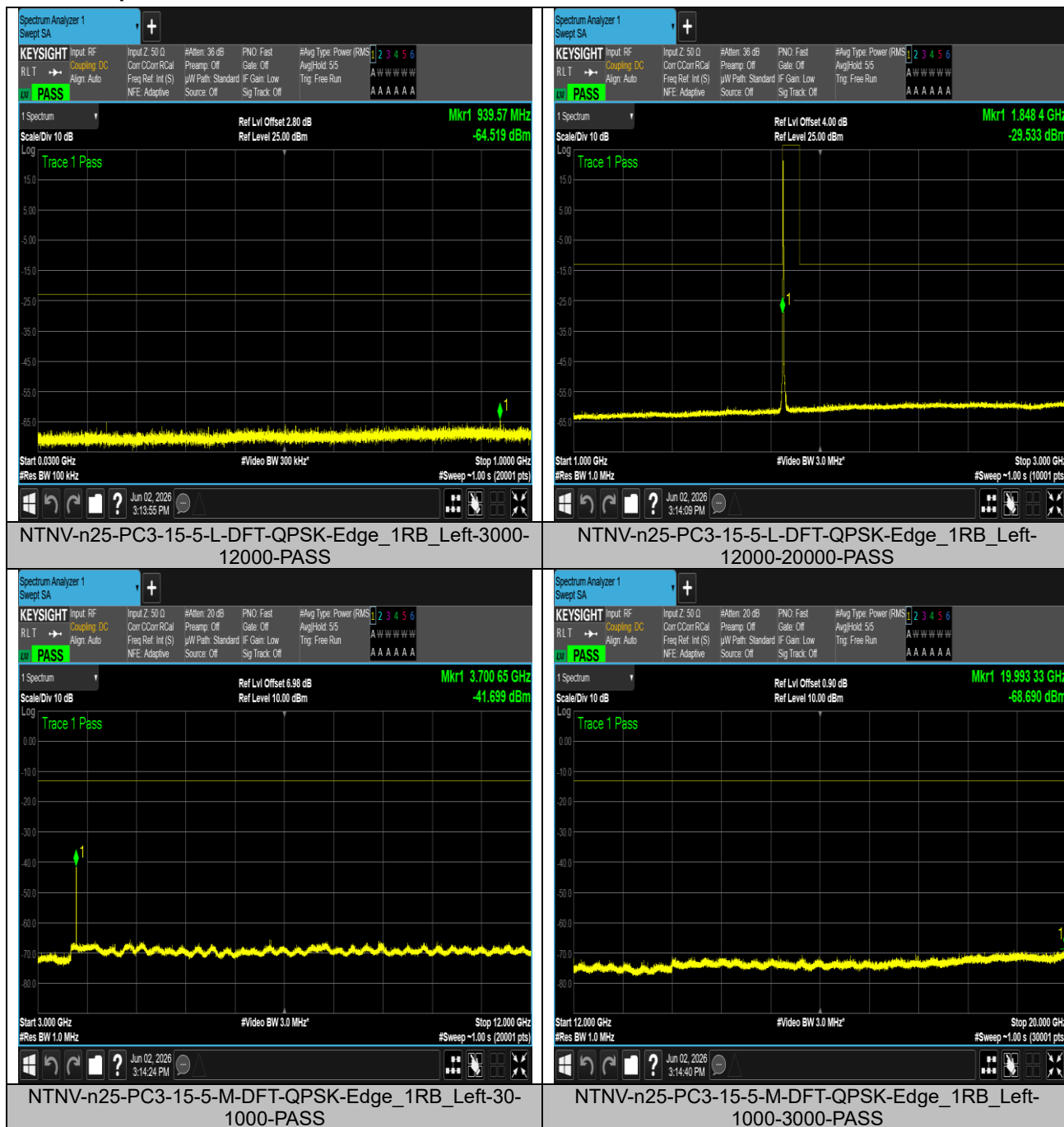
NTNV-n25-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-1000-3000-PASS

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