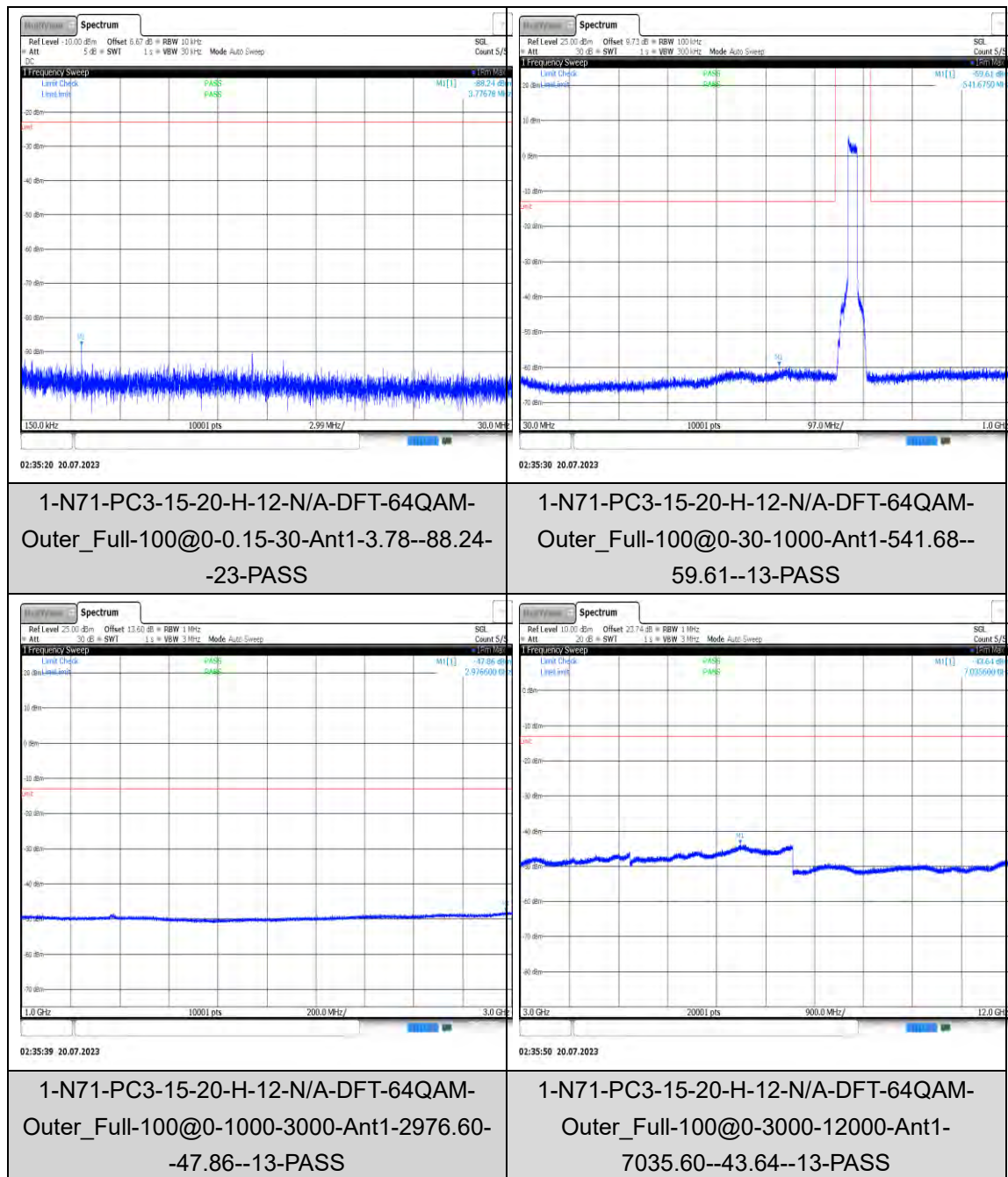
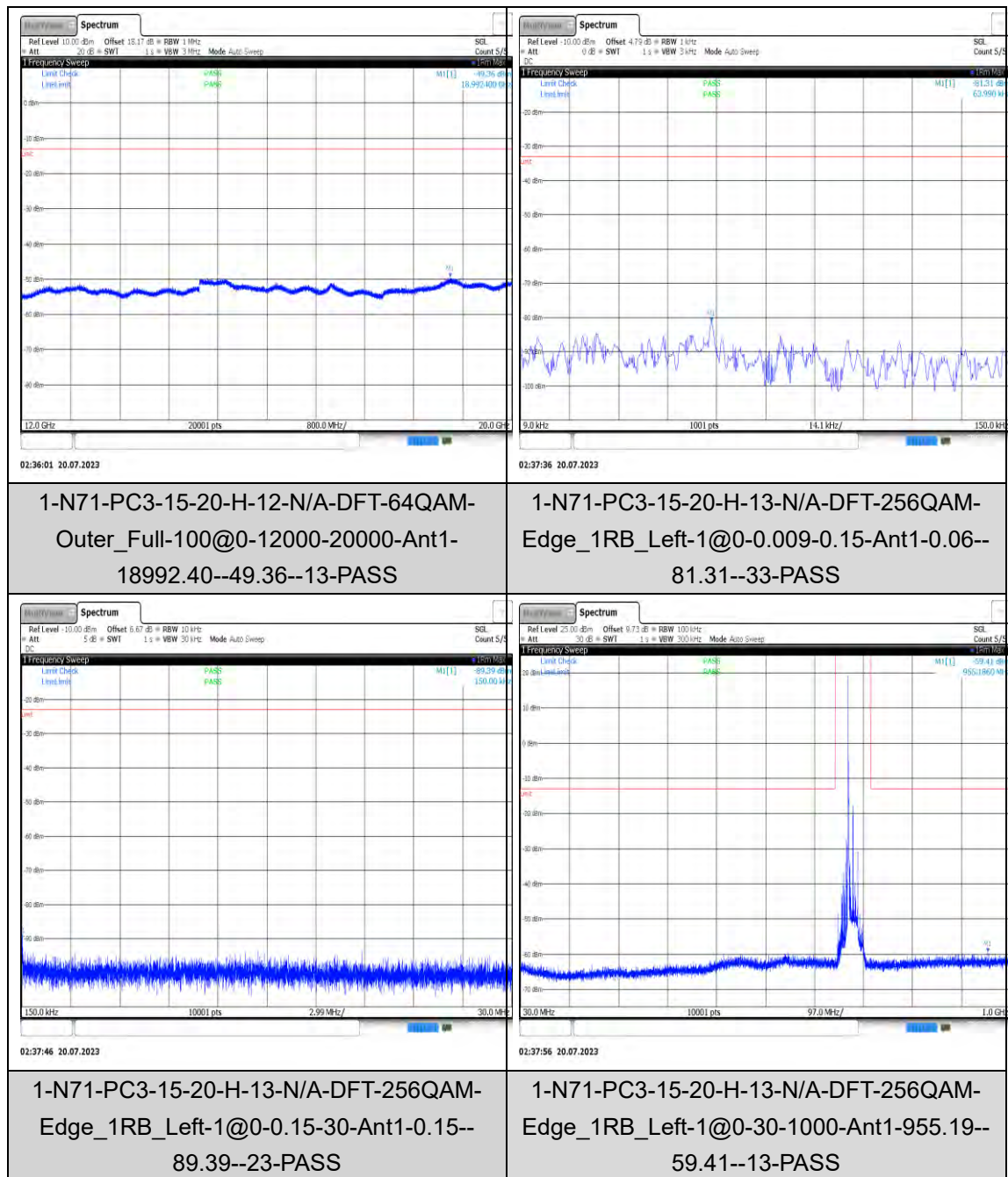
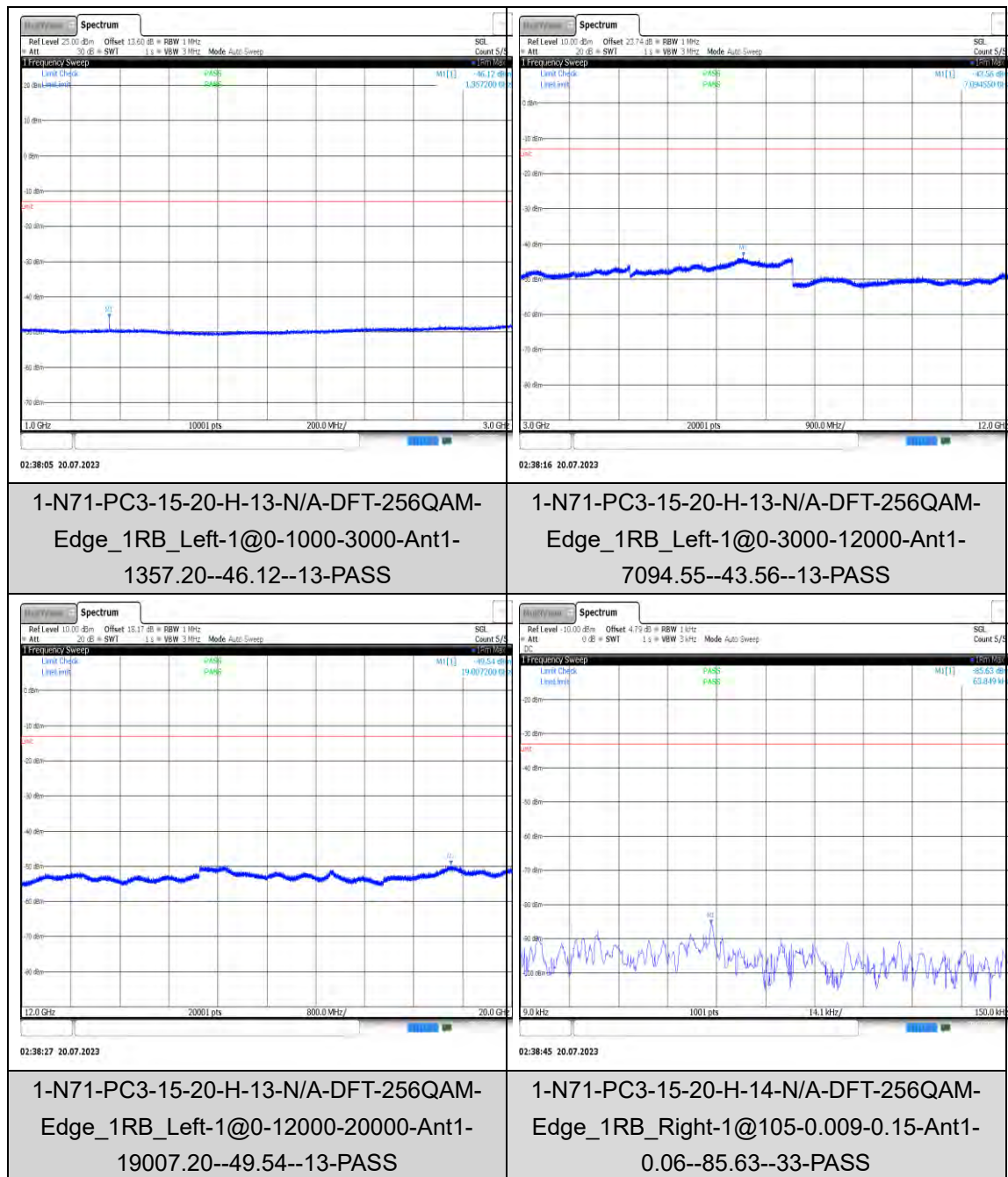
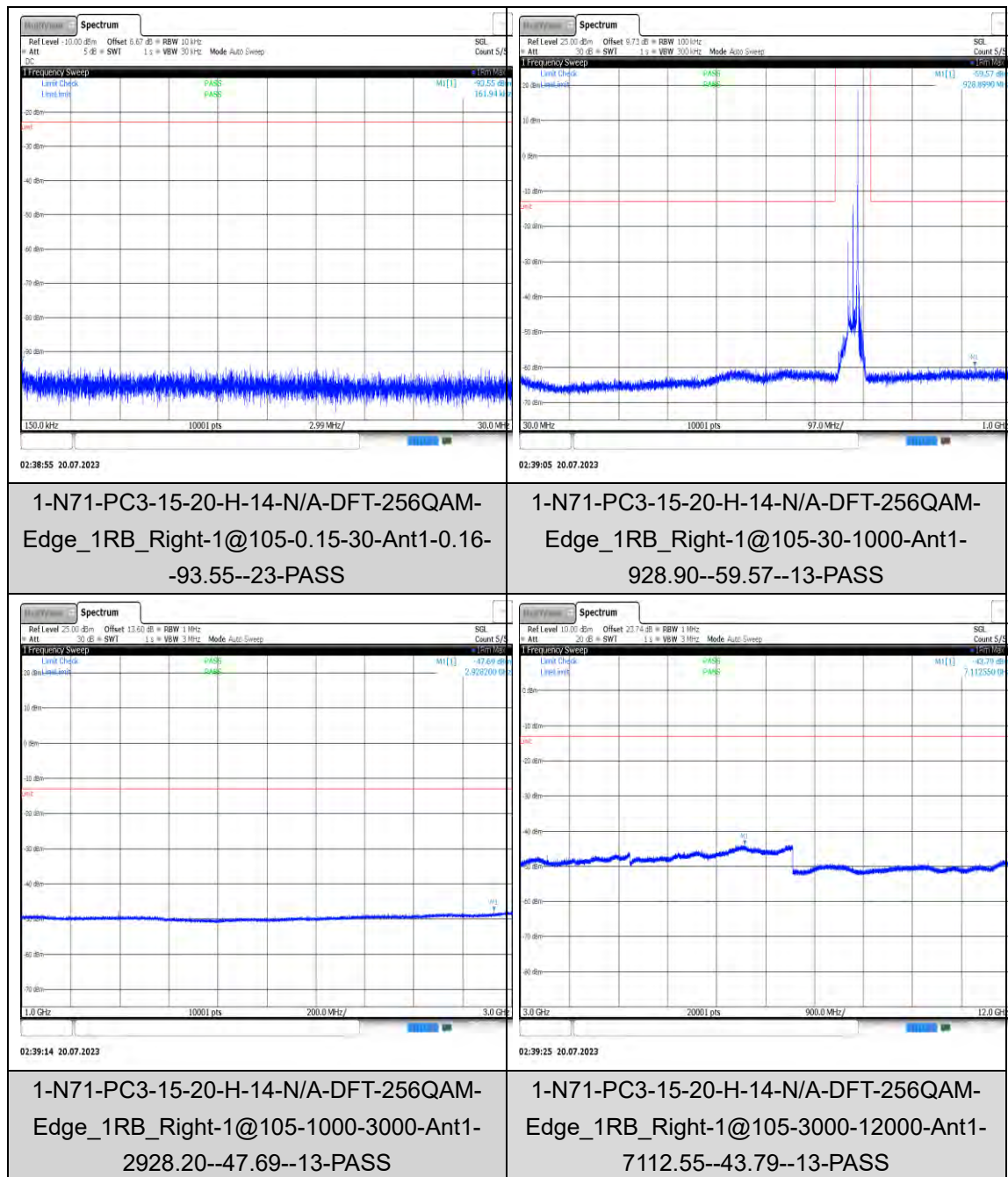
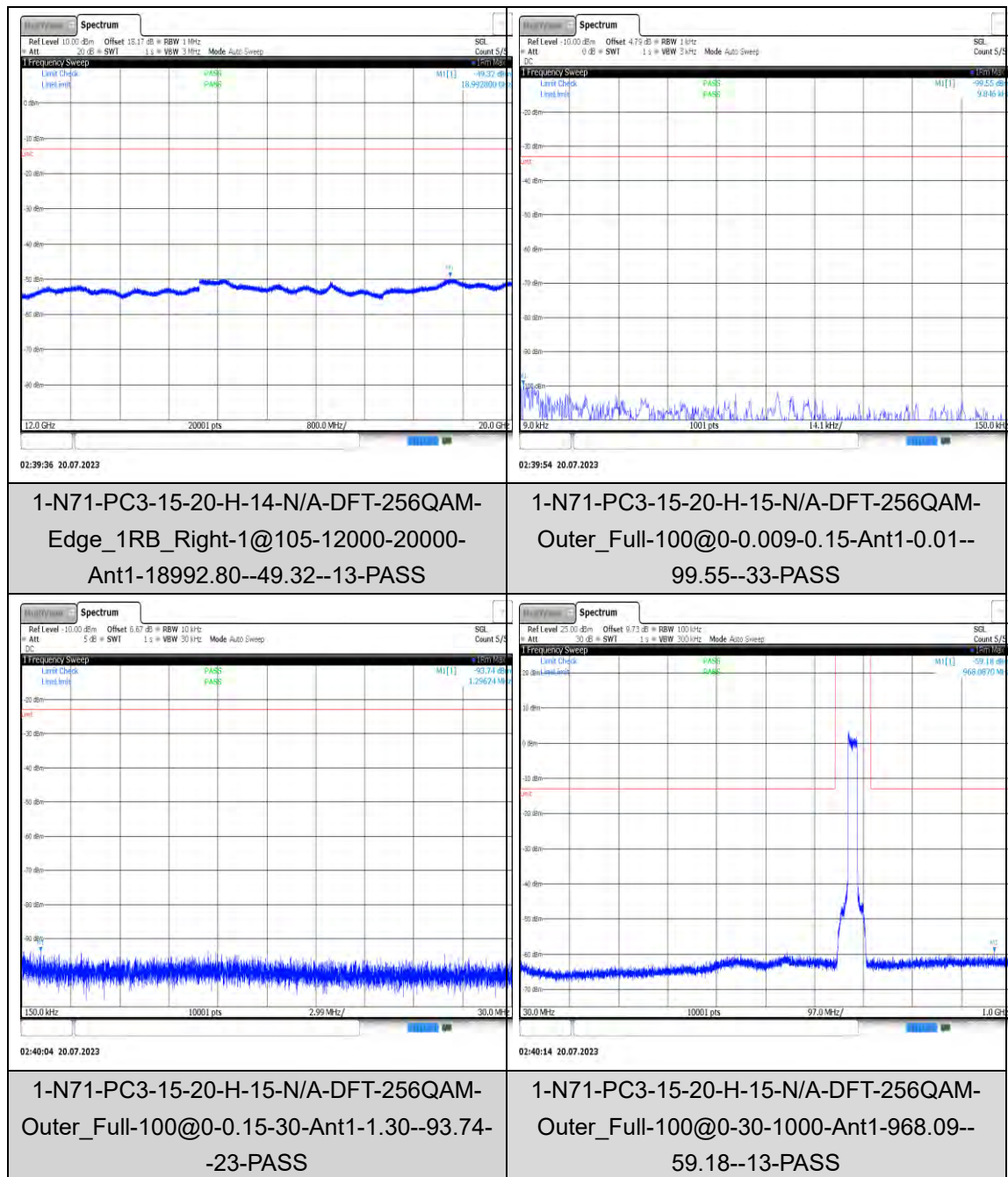


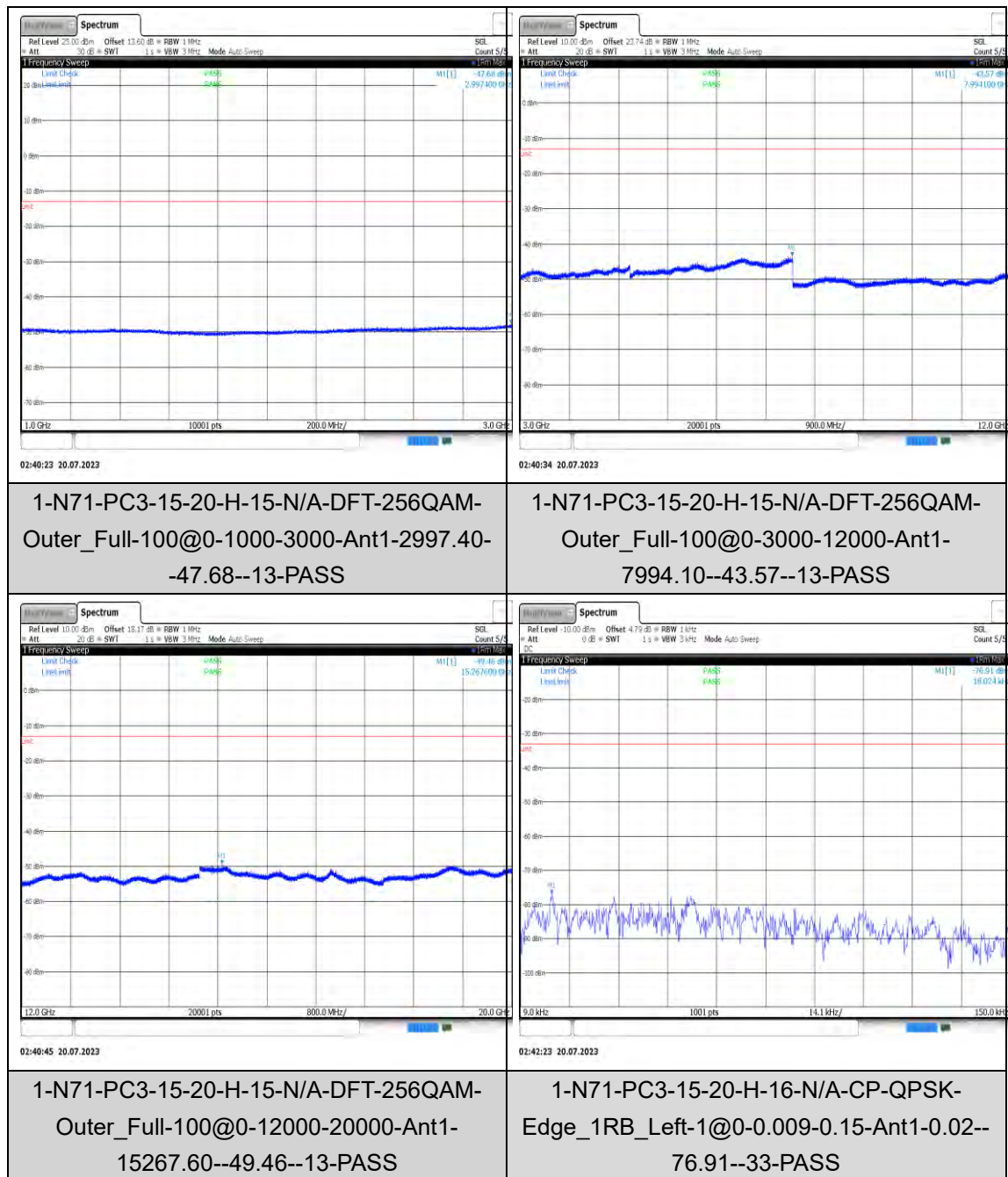


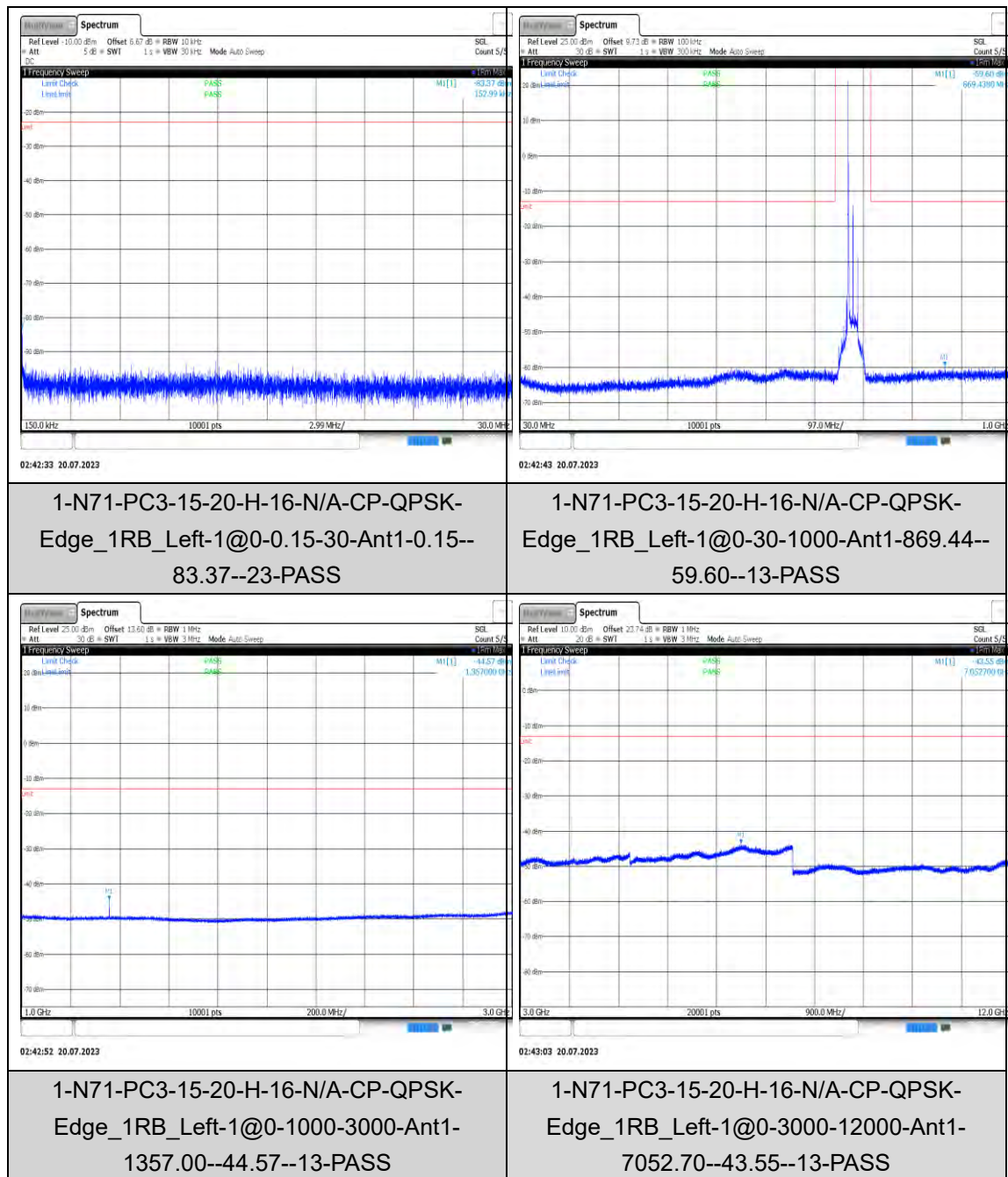


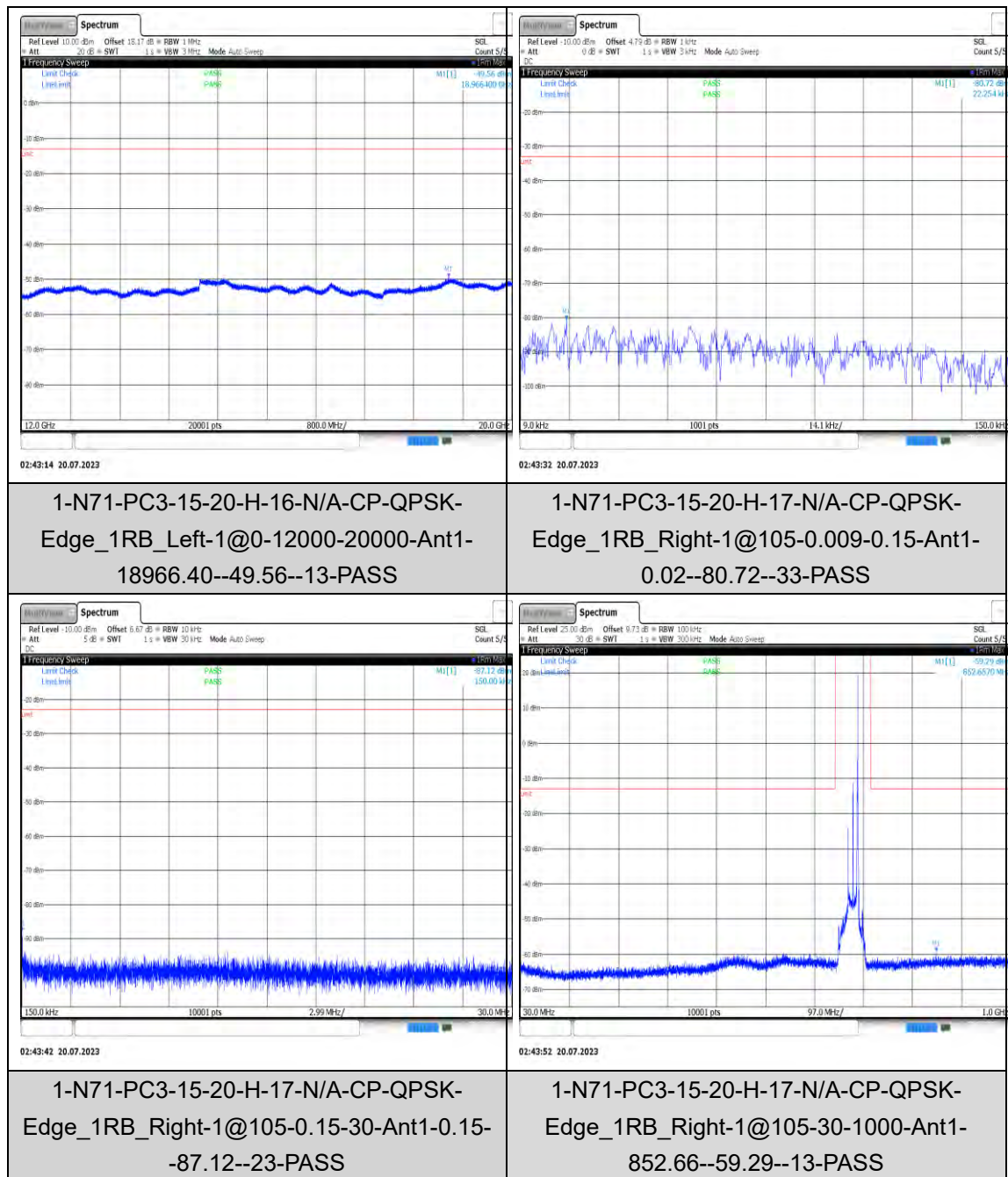


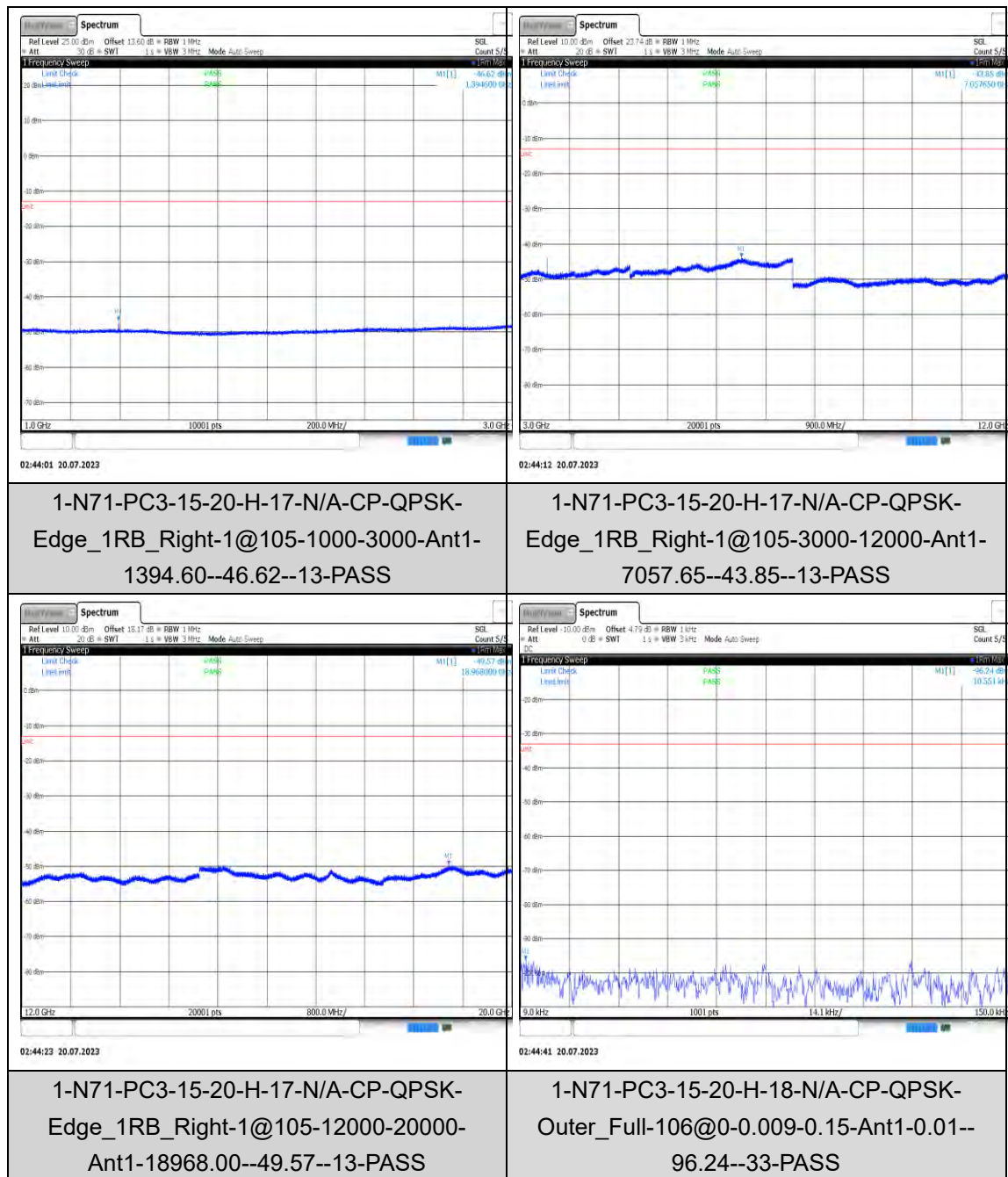


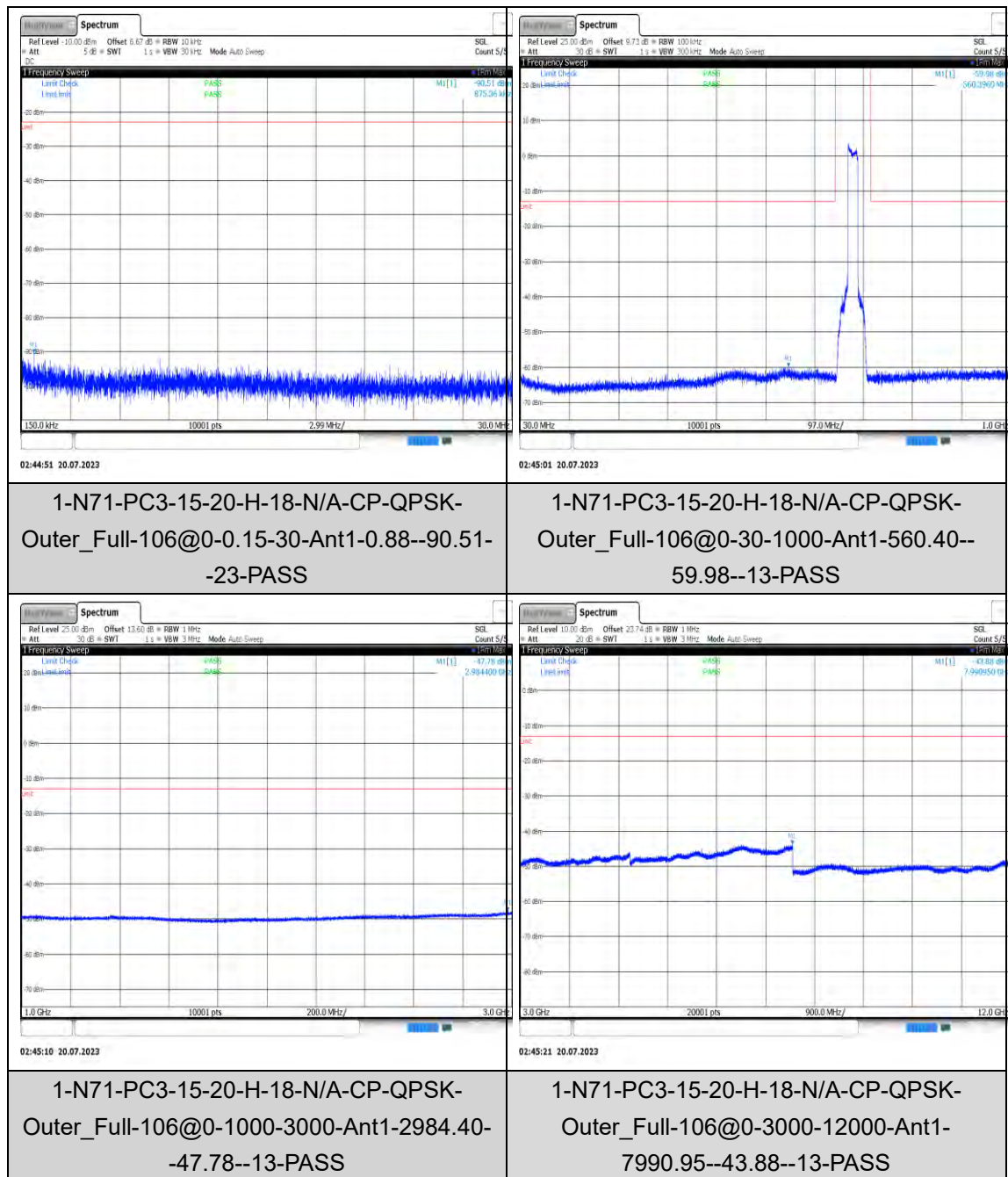


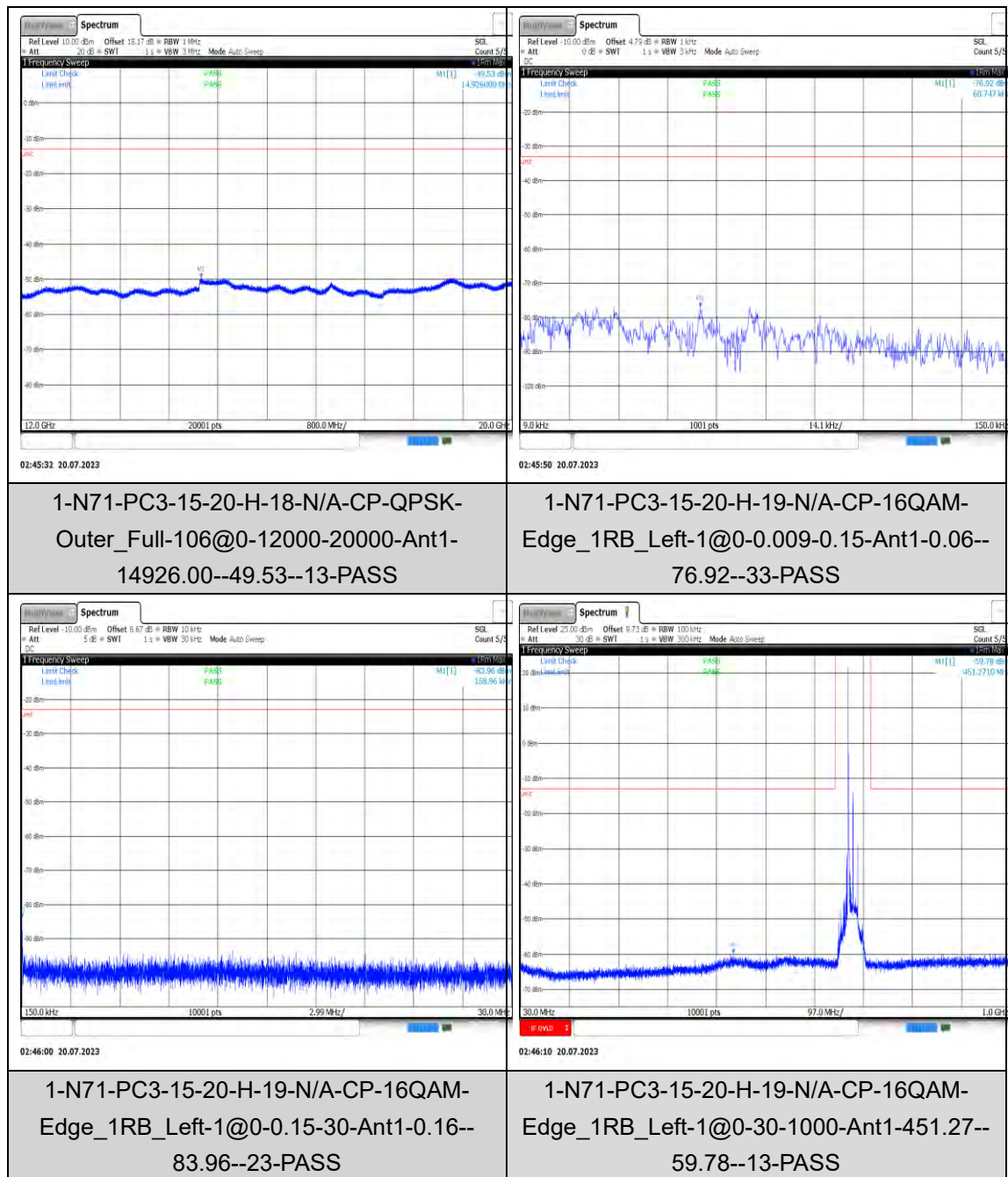


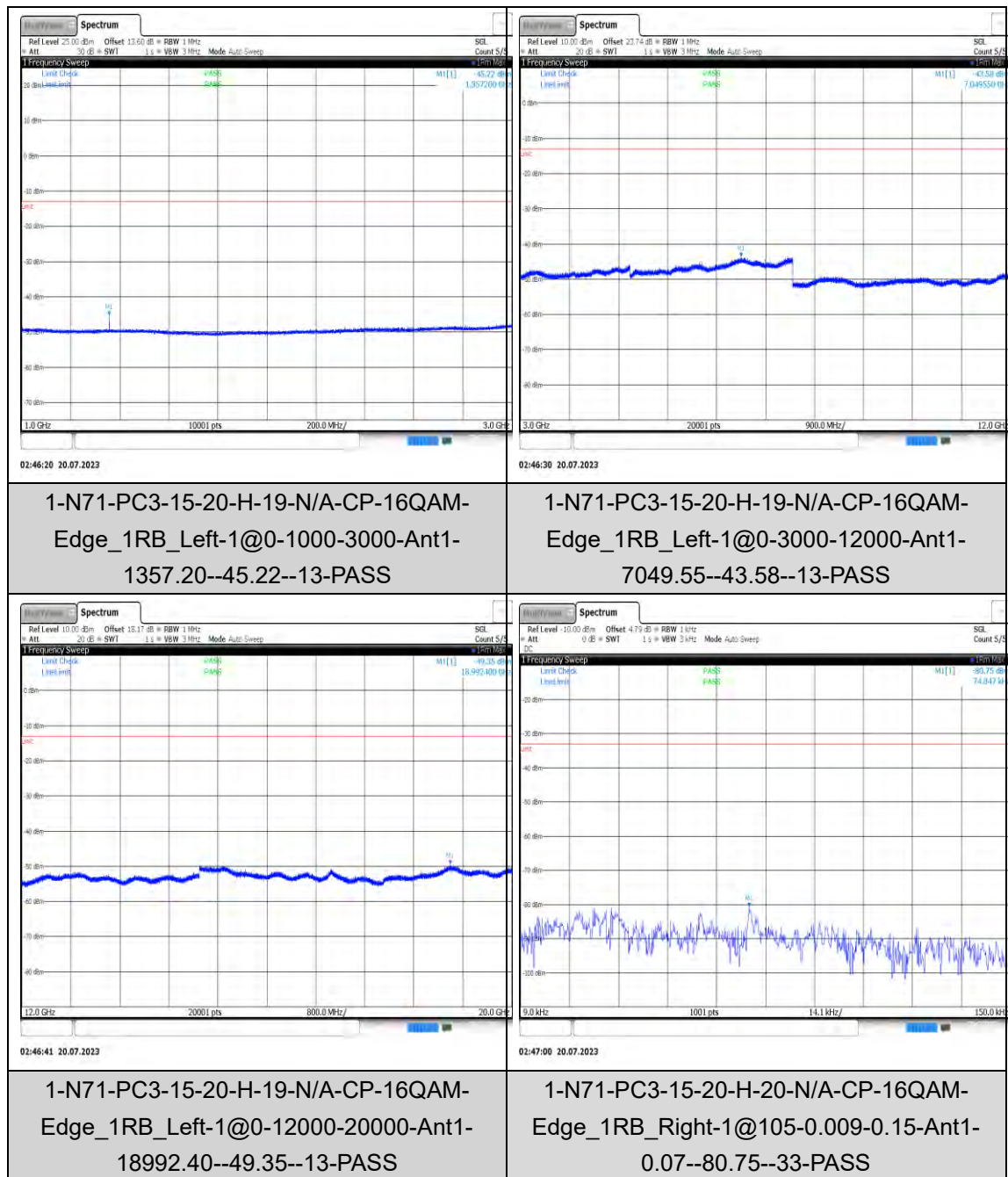


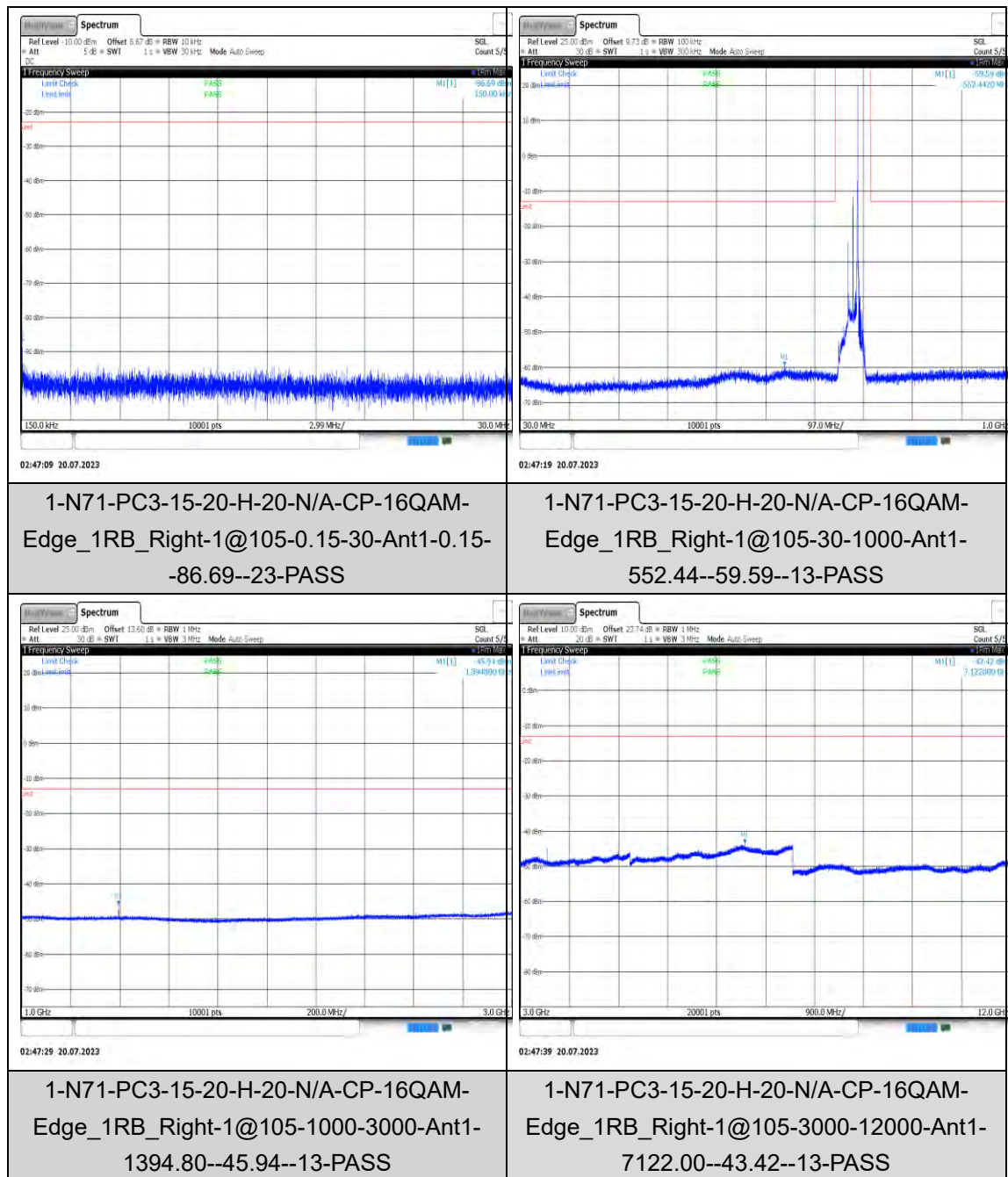


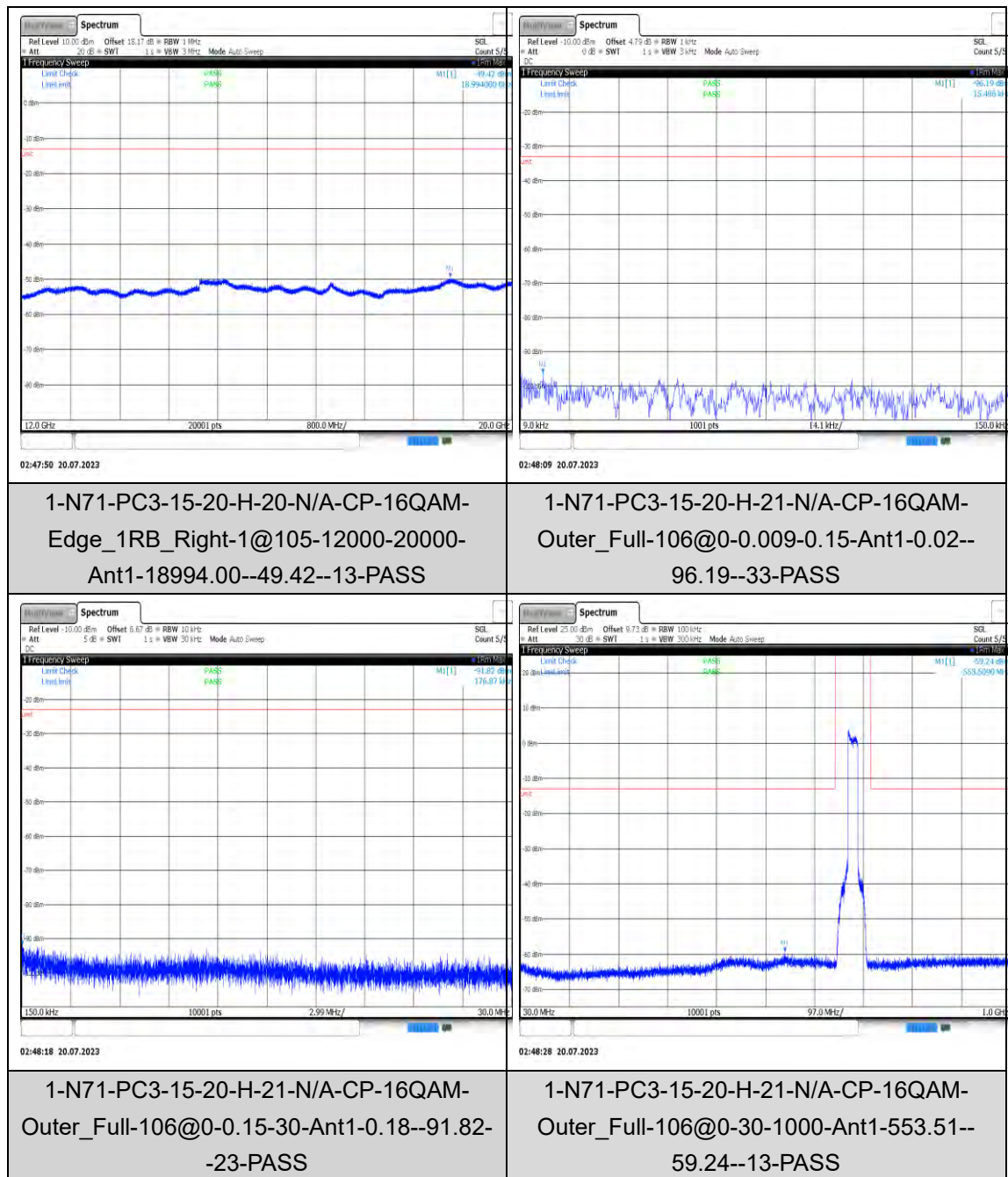


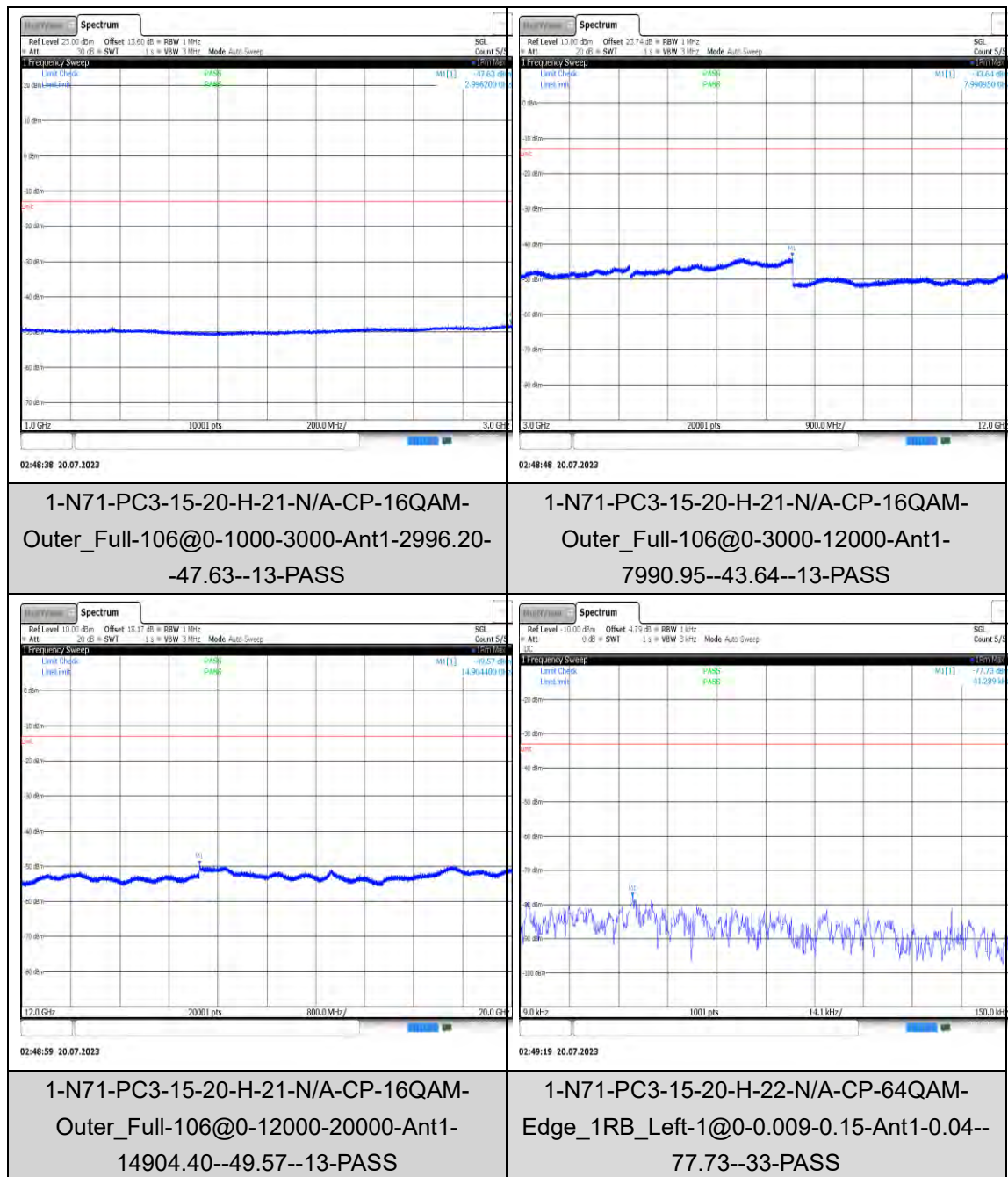


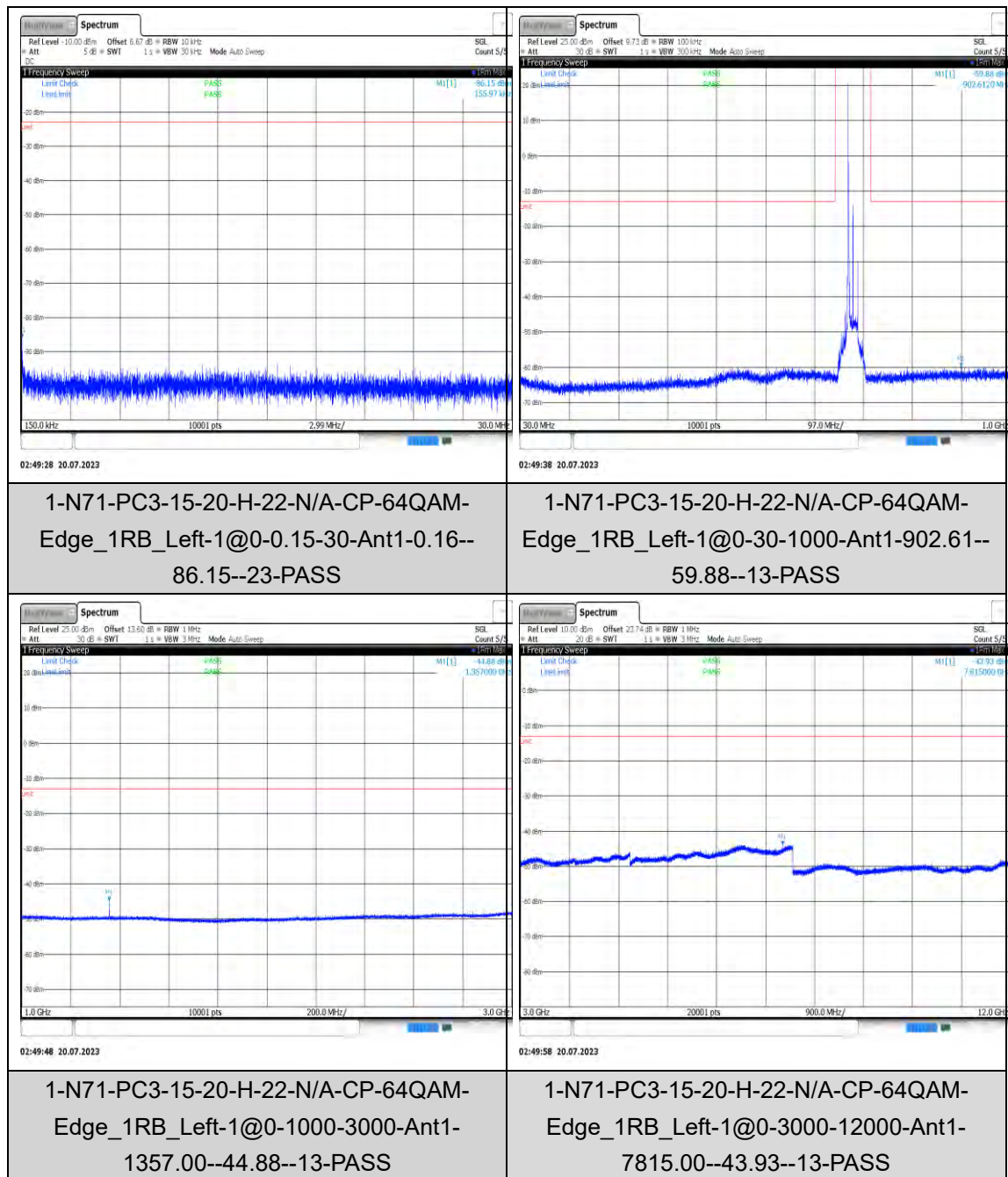


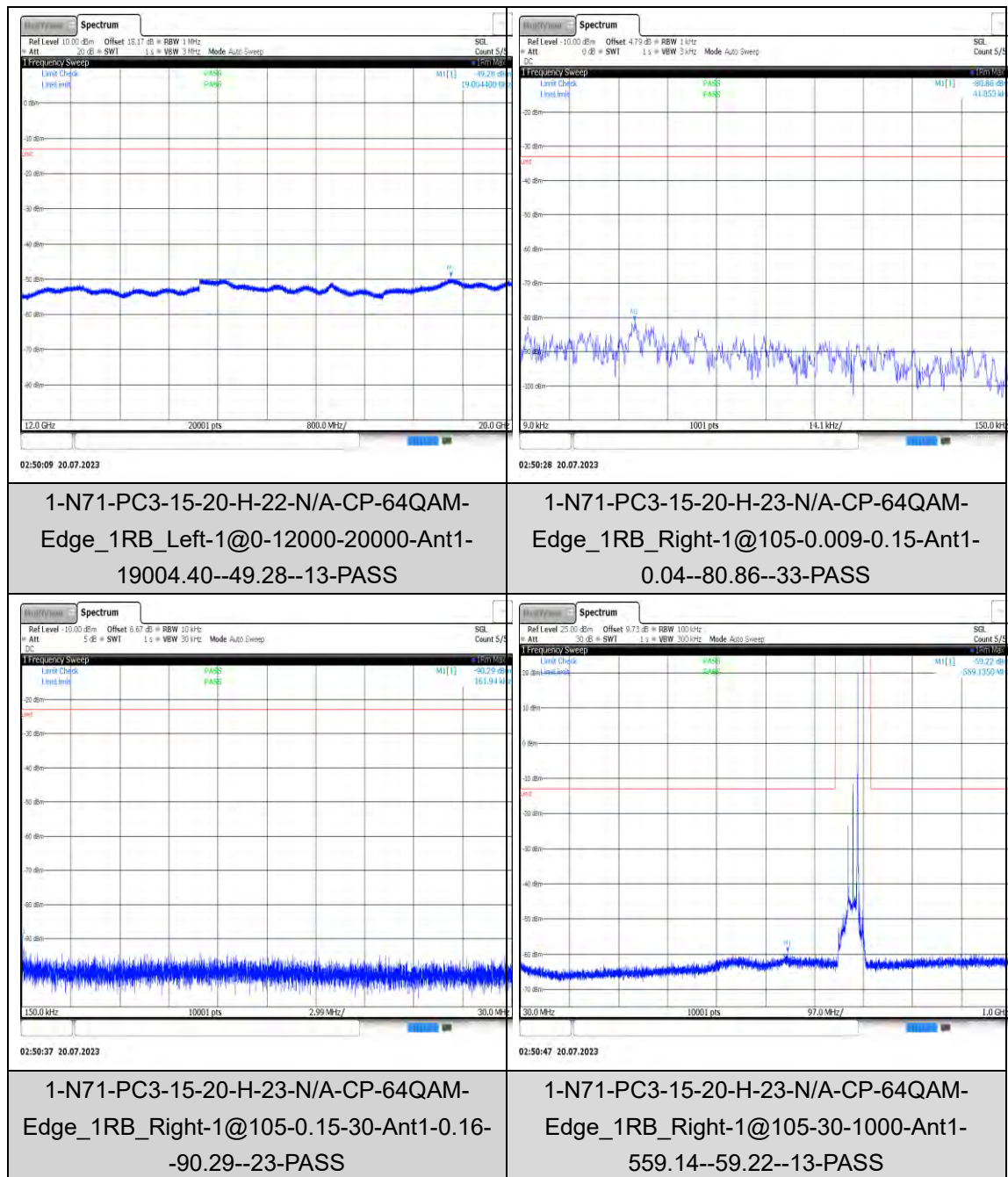


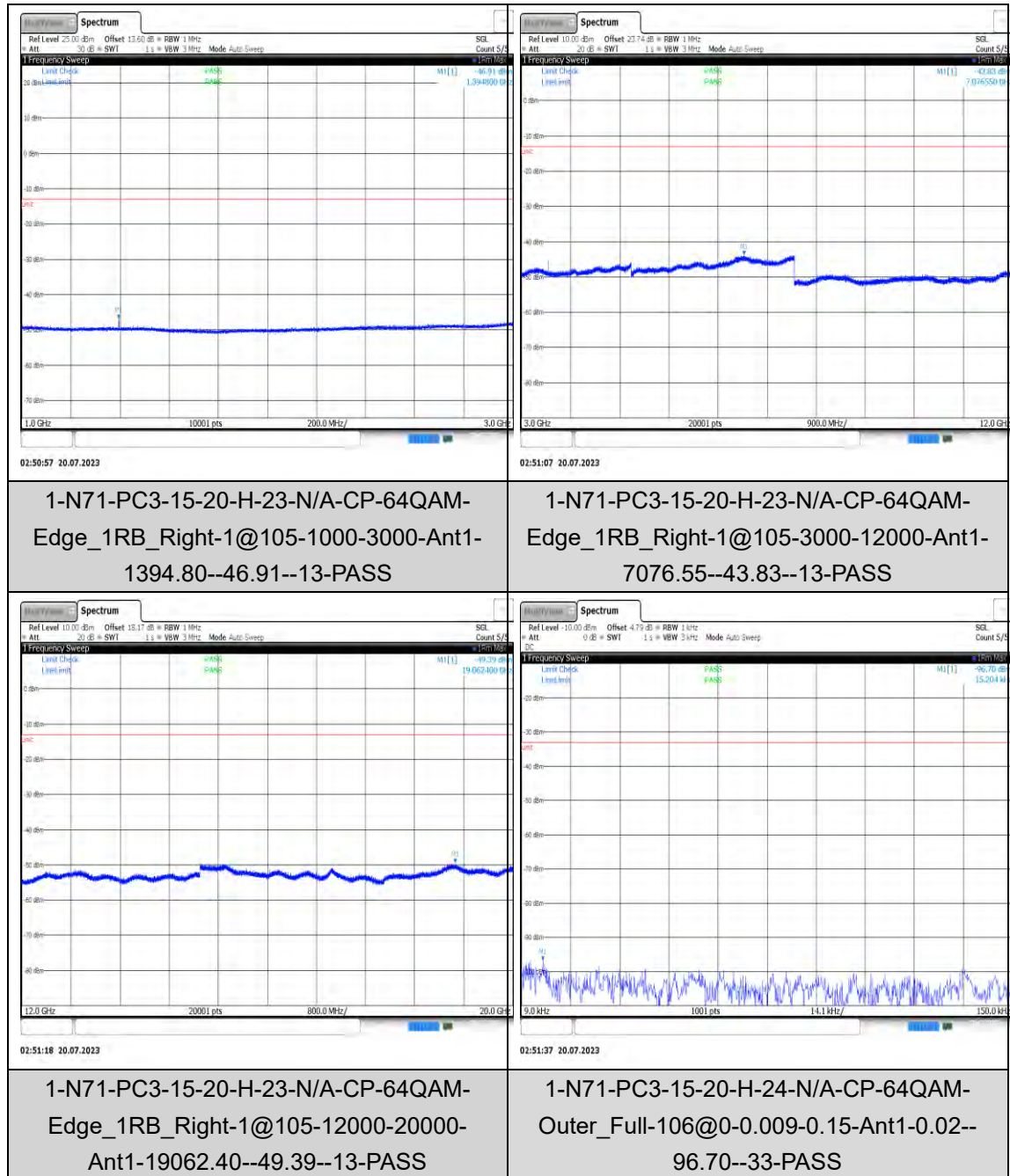


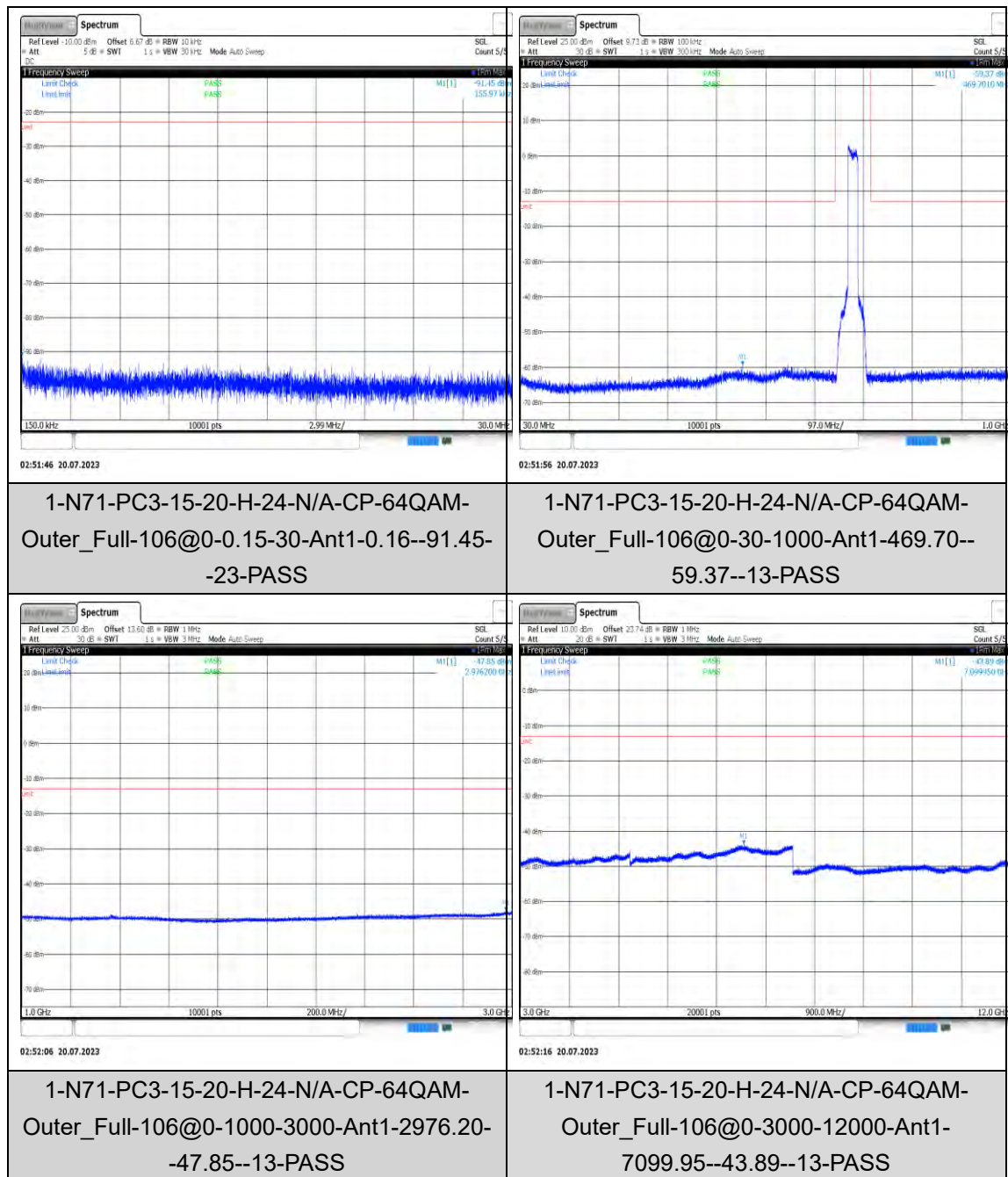


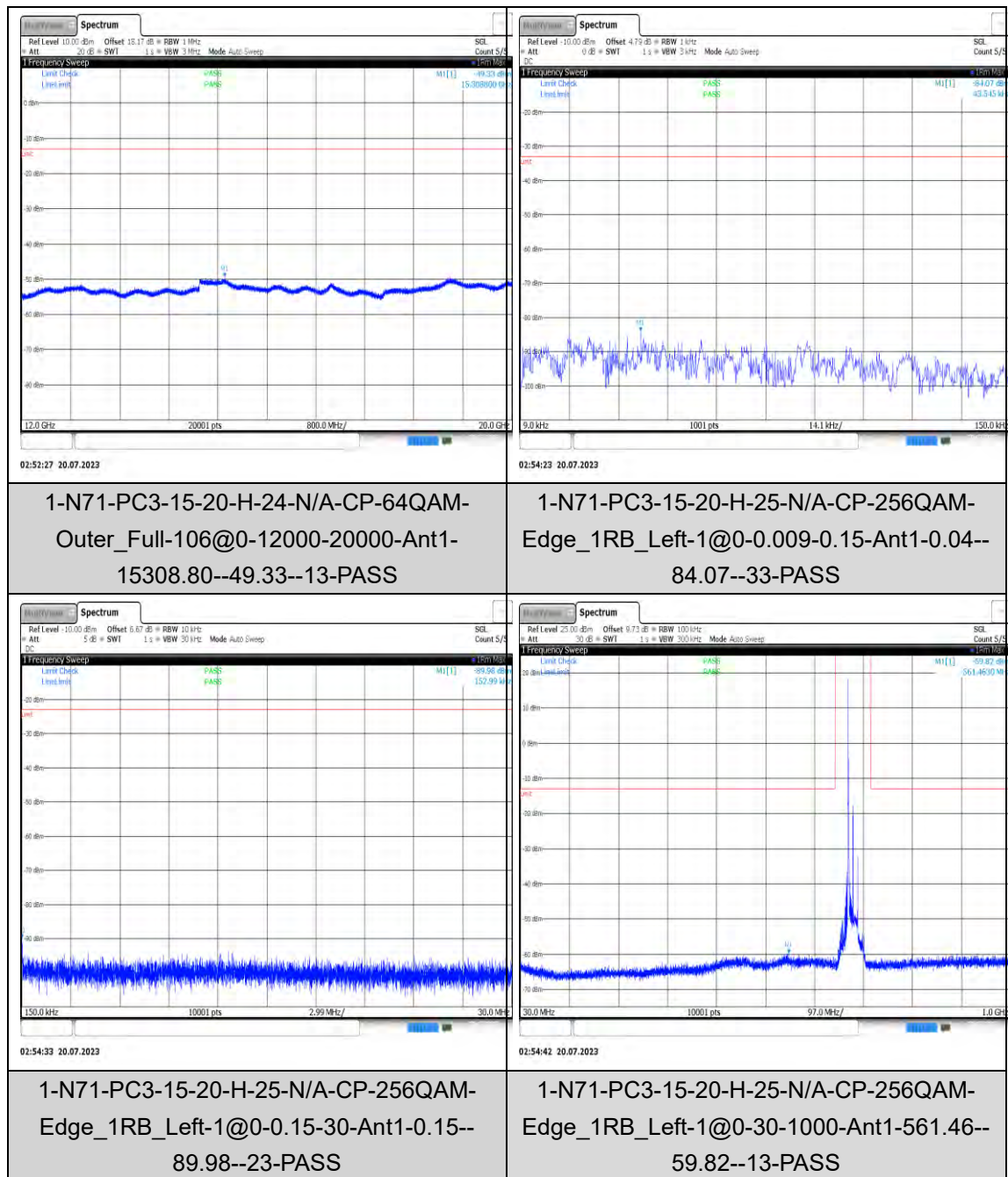


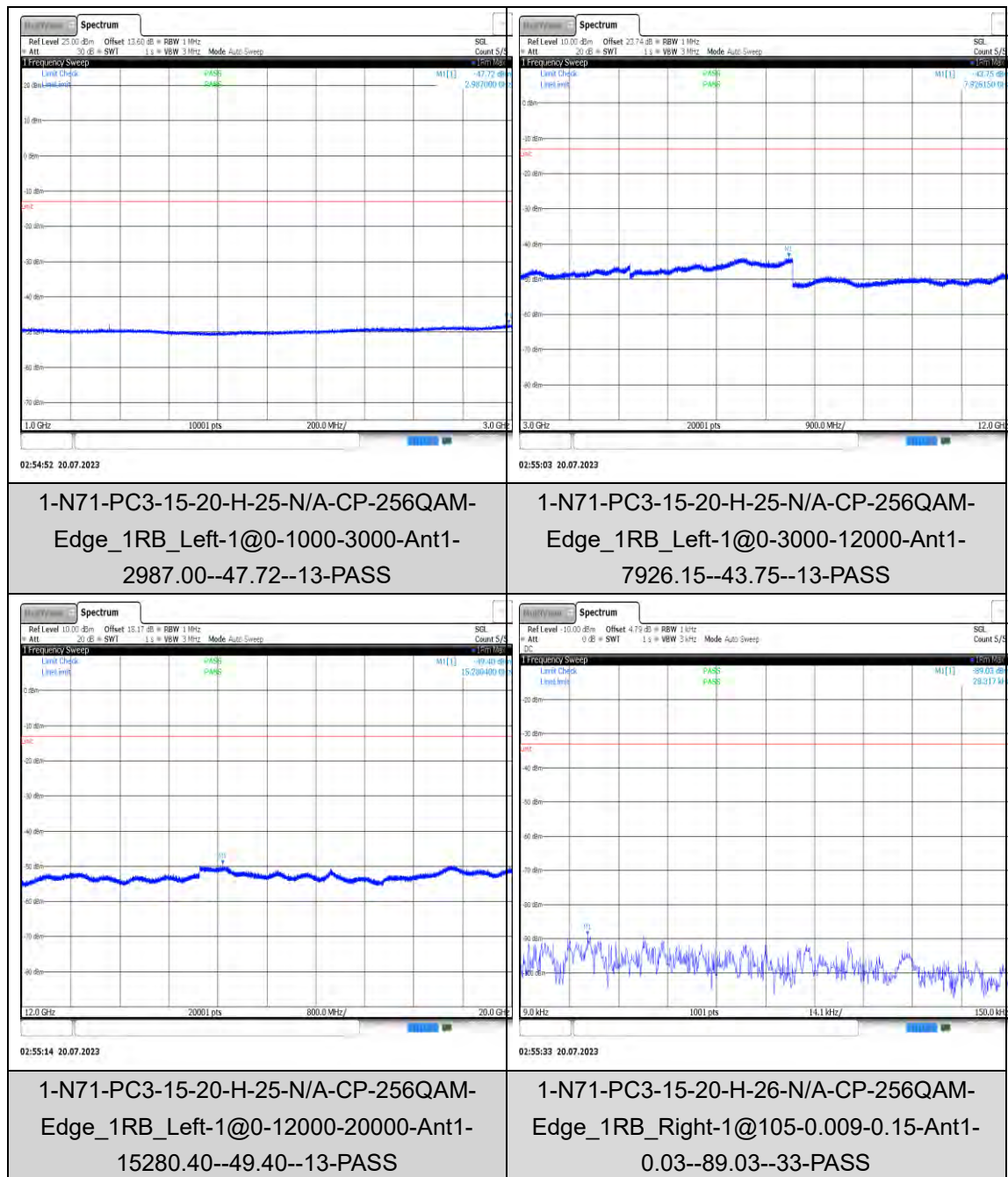


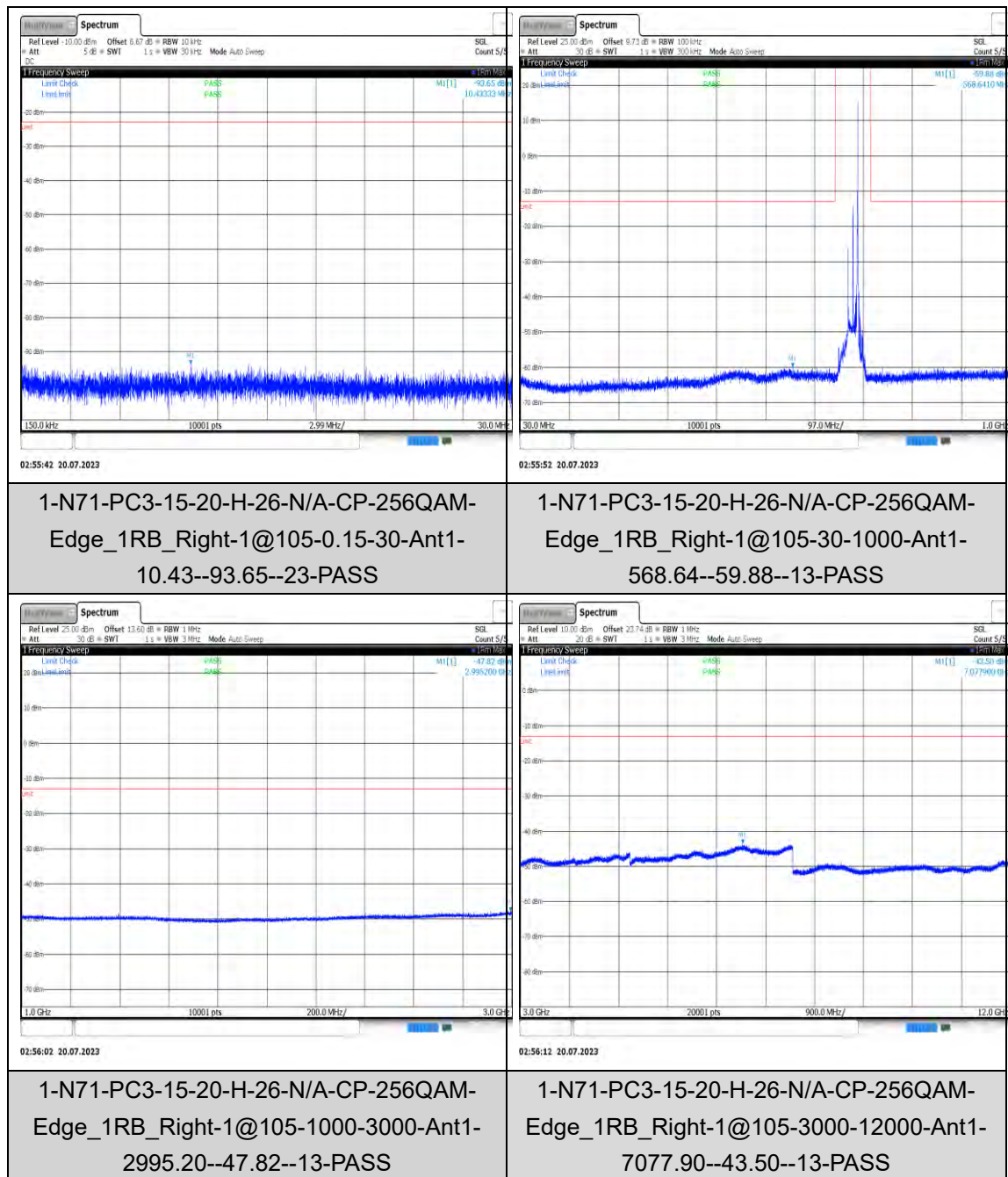


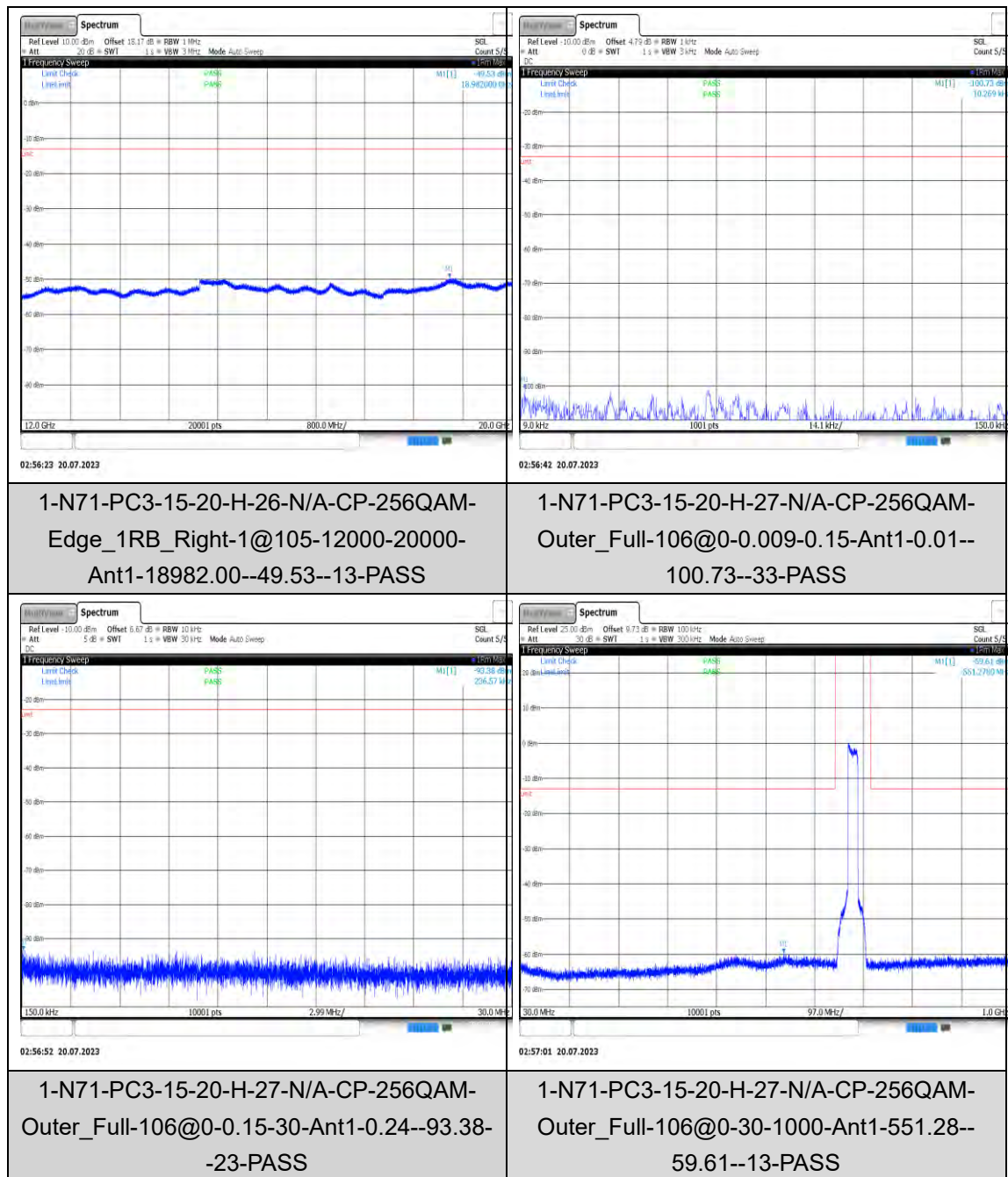


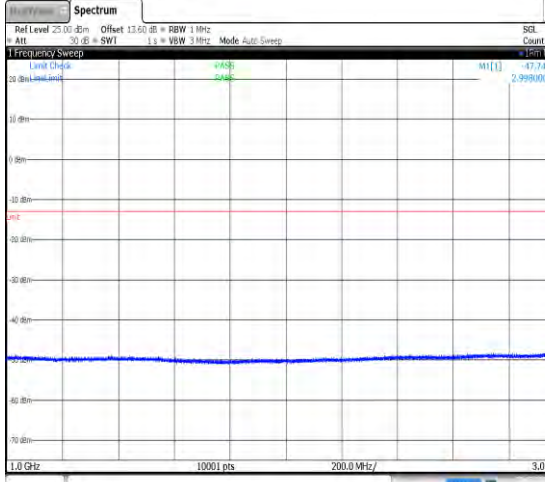
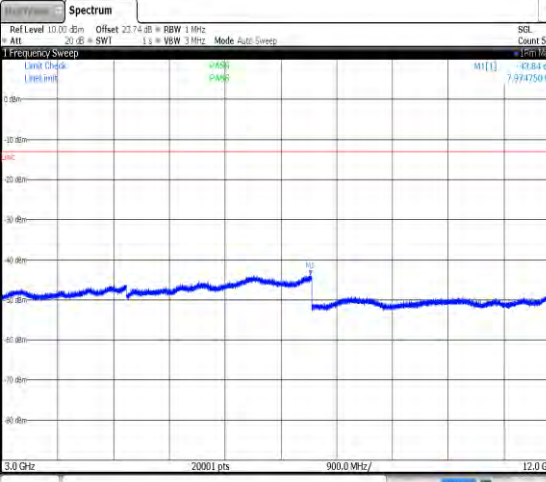
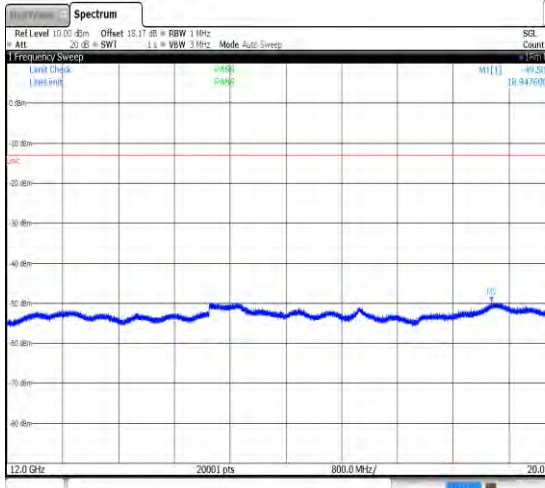










 02:57:11 20.07.2023	 02:57:22 20.07.2023
1-N71-PC3-15-20-H-27-N/A-CP-256QAM-Outer_Full-106@0-1000-3000-Ant1-2998.00--47.74--13-PASS	1-N71-PC3-15-20-H-27-N/A-CP-256QAM-Outer_Full-106@0-3000-12000-Ant1-7974.75--43.84--13-PASS
 02:57:33 20.07.2023	
1-N71-PC3-15-20-H-27-N/A-CP-256QAM-Outer_Full-106@0-12000-20000-Ant1-18947.60--49.50--13-PASS	

Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-2.83	0.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-6.20	0.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	VN	NT	-4.95	0.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	VN	NT	-9.72	0.00	PASS
N41	30	100	CP-QPSK	L	Outer_Full	VN	NT	-2.90	0.00	PASS
N41	30	100	CP-16QAM	L	Outer_Full	VN	NT	-4.58	0.00	PASS
N41	30	100	CP-64QAM	L	Outer_Full	VN	NT	-6.23	0.00	PASS
N41	30	100	CP-256QAM	L	Outer_Full	VN	NT	-2.86	0.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-9.69	0.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-4.08	0.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-3.99	0.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	VN	NT	-3.20	0.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	VN	NT	-6.06	0.00	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	0.29	0.00	PASS
N41	30	100	CP-16QAM	M	Outer_Full	VN	NT	6.08	0.00	PASS
N41	30	100	CP-64QAM	M	Outer_Full	VN	NT	0.68	0.00	PASS
N41	30	100	CP-256QAM	M	Outer_Full	VN	NT	0.83	0.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	VN	NT	-2.64	0.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VN	NT	0.07	0.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-4.07	0.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-5.94	0.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	VN	NT	-5.92	0.00	PASS
N41	30	100	CP-QPSK	H	Outer_Full	VN	NT	-3.84	0.00	PASS
N41	30	100	CP-16QAM	H	Outer_Full	VN	NT	-2.64	0.00	PASS
N41	30	100	CP-64QAM	H	Outer_Full	VN	NT	-8.61	0.00	PASS
N41	30	100	CP-256QAM	H	Outer_Full	VN	NT	-0.43	0.00	PASS
N48	30	100	DFT-PI2BPSK	L	Outer_Full	VN	NT	-4.53	0.00	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-5.54	0.00	PASS
N48	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-7.58	0.00	PASS
N48	30	100	DFT-64QAM	L	Outer_Full	VN	NT	-3.99	0.00	PASS
N48	30	100	DFT-256QAM	L	Outer_Full	VN	NT	-6.51	0.00	PASS
N48	30	100	CP-QPSK	L	Outer_Full	VN	NT	-6.42	0.00	PASS
N48	30	100	CP-16QAM	L	Outer_Full	VN	NT	-0.11	0.00	PASS

N48	30	100	CP-64QAM	L	Outer_Full	VN	NT	-1.82	0.00	PASS
N48	30	100	CP-256QAM	L	Outer_Full	VN	NT	-6.23	0.00	PASS
N48	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-7.69	0.00	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-2.69	0.00	PASS
N48	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-5.60	0.00	PASS
N48	30	100	DFT-64QAM	M	Outer_Full	VN	NT	3.70	0.00	PASS
N48	30	100	DFT-256QAM	M	Outer_Full	VN	NT	3.29	0.00	PASS
N48	30	100	CP-QPSK	M	Outer_Full	VN	NT	-4.21	0.00	PASS
N48	30	100	CP-16QAM	M	Outer_Full	VN	NT	-7.24	0.00	PASS
N48	30	100	CP-64QAM	M	Outer_Full	VN	NT	-4.93	0.00	PASS
N48	30	100	CP-256QAM	M	Outer_Full	VN	NT	-2.36	0.00	PASS
N48	30	100	DFT-PI2BPSK	H	Outer_Full	VN	NT	-6.41	0.00	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-5.51	0.00	PASS
N48	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-11.31	0.00	PASS
N48	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-6.32	0.00	PASS
N48	30	100	DFT-256QAM	H	Outer_Full	VN	NT	-4.60	0.00	PASS
N48	30	100	CP-QPSK	H	Outer_Full	VN	NT	-5.50	0.00	PASS
N48	30	100	CP-16QAM	H	Outer_Full	VN	NT	-2.19	0.00	PASS
N48	30	100	CP-64QAM	H	Outer_Full	VN	NT	-4.77	0.00	PASS
N48	30	100	CP-256QAM	H	Outer_Full	VN	NT	-2.64	0.00	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	-1.39	0.00	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-2.24	0.00	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-1.22	0.00	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	VN	NT	-3.33	0.00	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	VN	NT	-0.80	0.00	PASS
N5	15	20	CP-QPSK	L	Outer_Full	VN	NT	-4.07	0.00	PASS
N5	15	20	CP-16QAM	L	Outer_Full	VN	NT	-2.84	0.00	PASS
N5	15	20	CP-64QAM	L	Outer_Full	VN	NT	-2.63	0.00	PASS
N5	15	20	CP-256QAM	L	Outer_Full	VN	NT	-1.35	0.00	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.31	0.00	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.09	-0.01	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-4.35	-0.01	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	VN	NT	-2.72	0.00	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	VN	NT	-2.44	0.00	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.09	0.00	PASS
N5	15	20	CP-16QAM	M	Outer_Full	VN	NT	-4.92	-0.01	PASS
N5	15	20	CP-64QAM	M	Outer_Full	VN	NT	-2.39	0.00	PASS
N5	15	20	CP-256QAM	M	Outer_Full	VN	NT	-2.55	0.00	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	-2.32	0.00	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-1.15	0.00	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-2.99	0.00	PASS

N5	15	20	DFT-64QAM	H	Outer_Full	VN	NT	-3.79	0.00	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	VN	NT	-2.86	0.00	PASS
N5	15	20	CP-QPSK	H	Outer_Full	VN	NT	-0.72	0.00	PASS
N5	15	20	CP-16QAM	H	Outer_Full	VN	NT	-2.86	0.00	PASS
N5	15	20	CP-64QAM	H	Outer_Full	VN	NT	-0.49	0.00	PASS
N5	15	20	CP-256QAM	H	Outer_Full	VN	NT	-0.10	0.00	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	-4.75	-0.01	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VL	NT	-8.75	-0.01	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VH	NT	-4.70	-0.01	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-4.03	-0.01	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-4.85	-0.01	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.96	-0.01	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-2.55	0.00	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-2.18	0.00	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-4.20	-0.01	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	VL	NT	-4.61	-0.01	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	VN	NT	-3.73	-0.01	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	VH	NT	-2.87	0.00	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	VL	NT	-2.46	0.00	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	VN	NT	-4.84	-0.01	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	VH	NT	-4.91	-0.01	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VL	NT	-8.46	-0.01	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VN	NT	-58.21	-0.09	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VH	NT	48.64	0.07	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VL	NT	-26.74	-0.04	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VN	NT	52.16	0.08	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VH	NT	-66.04	-0.10	PASS
N71	15	20	CP-64QAM	L	Outer_Full	VL	NT	-29.69	-0.04	PASS
N71	15	20	CP-64QAM	L	Outer_Full	VN	NT	80.57	0.12	PASS
N71	15	20	CP-64QAM	L	Outer_Full	VH	NT	148.97	0.22	PASS
N71	15	20	CP-256QAM	L	Outer_Full	VH	NT	-51.93	-0.08	PASS
N71	15	20	CP-256QAM	L	Outer_Full	VL	NT	-176.76	-0.26	PASS
N71	15	20	CP-256QAM	L	Outer_Full	VN	NT	70.12	0.10	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.41	-0.01	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.23	0.00	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.68	0.00	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	736.67	1.08	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-7.56	-0.01	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-4.21	-0.01	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-2.34	0.00	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-6.18	-0.01	PASS

N71	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-3.56	-0.01	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	VL	NT	-4.82	-0.01	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	VN	NT	-5.19	-0.01	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	VH	NT	-3.61	-0.01	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	VH	NT	-4.37	-0.01	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	VN	NT	-1648.00	-2.42	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	VL	NT	-5.72	-0.01	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	141.10	0.21	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-223.67	-0.33	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-4.64	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VL	NT	-6.97	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VN	NT	-6.96	-0.01	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VH	NT	-6.32	-0.01	PASS
N71	15	20	CP-64QAM	M	Outer_Full	VL	NT	-7.01	-0.01	PASS
N71	15	20	CP-64QAM	M	Outer_Full	VN	NT	-365.11	-0.54	PASS
N71	15	20	CP-64QAM	M	Outer_Full	VH	NT	-7.61	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	VN	NT	-7.00	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	VH	NT	-9.35	-0.01	PASS
N71	15	20	CP-256QAM	M	Outer_Full	VL	NT	-6.53	-0.01	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VL	NT	-6.91	-0.01	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	-4.84	-0.01	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VH	NT	-5.65	-0.01	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-7.57	-0.01	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-6.62	-0.01	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-10.95	-0.02	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-419.69	-0.61	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-6.20	-0.01	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-4.35	-0.01	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	VL	NT	-7.17	-0.01	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	VN	NT	-5.17	-0.01	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	VH	NT	-4.56	-0.01	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	VL	NT	-5.85	-0.01	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	VN	NT	-8.45	-0.01	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	VH	NT	-9.52	-0.01	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VL	NT	-256.97	-0.37	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VN	NT	-6.36	-0.01	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VH	NT	-6.80	-0.01	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VL	NT	128.11	0.19	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VN	NT	-8.72	-0.01	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VH	NT	-7.62	-0.01	PASS
N71	15	20	CP-64QAM	H	Outer_Full	VN	NT	-4.15	-0.01	PASS

N71	15	20	CP-64QAM	H	Outer_Full	VH	NT	-7.09	-0.01	PASS
N71	15	20	CP-64QAM	H	Outer_Full	VL	NT	-5.77	-0.01	PASS
N71	15	20	CP-256QAM	H	Outer_Full	VN	NT	-8.36	-0.01	PASS
N71	15	20	CP-256QAM	H	Outer_Full	VH	NT	-7.74	-0.01	PASS
N71	15	20	CP-256QAM	H	Outer_Full	VL	NT	-9.06	-0.01	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-QPSK	L	Outer_Full	NV	TN	-3.517197	-0.001381	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	TN	-2.833417	-0.001113	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	NV	TN	-9.517184	-0.003738	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	NV	TN	-2.176914	-0.000855	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	TN	-1.708663	-0.000671	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	TN	-6.183366	-0.002429	PASS
N41	30	100	CP-64QAM	L	Outer_Full	NV	TN	-9.192369	-0.003610	PASS
N41	30	100	CP-256QAM	L	Outer_Full	NV	TN	-2.864898	-0.001125	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	TN	0.034293	0.000013	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	TN	1.836326	0.000708	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	TN	-1.735308	-0.000669	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	NV	TN	0.253561	0.000098	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	NV	TN	2.573343	0.000992	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	TN	-0.881413	-0.000340	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	TN	-1.897753	-0.000732	PASS
N41	30	100	CP-64QAM	M	Outer_Full	NV	TN	-2.538383	-0.000979	PASS
N41	30	100	CP-256QAM	M	Outer_Full	NV	TN	1.362143	0.000525	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	NV	TN	-8.034914	-0.003044	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	TN	1.108972	0.000420	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	TN	-2.892260	-0.001096	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	NV	TN	-4.438568	-0.001681	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	NV	TN	-6.874146	-0.002604	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	TN	-3.787794	-0.001435	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	TN	-5.683681	-0.002153	PASS
N41	30	100	CP-64QAM	H	Outer_Full	NV	TN	-5.272128	-0.001997	PASS
N41	30	100	CP-256QAM	H	Outer_Full	NV	TN	-3.191257	-0.001209	PASS
N48	30	100	DFT-PI2BPSK	L	Outer_Full	NV	TN	-6.856637	-0.001905	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	NV	TN	-4.828263	-0.001341	PASS
N48	30	100	DFT-16QAM	L	Outer_Full	NV	TN	-7.641520	-0.002123	PASS
N48	30	100	DFT-64QAM	L	Outer_Full	NV	TN	-5.414469	-0.001504	PASS
N48	30	100	DFT-256QAM	L	Outer_Full	NV	TN	-2.831326	-0.000786	PASS
N48	30	100	CP-QPSK	L	Outer_Full	NV	TN	-5.142469	-0.001428	PASS
N48	30	100	CP-16QAM	L	Outer_Full	NV	TN	-1.146343	-0.000318	PASS
N48	30	100	CP-64QAM	L	Outer_Full	NV	TN	-2.816791	-0.000782	PASS
N48	30	100	CP-256QAM	L	Outer_Full	NV	TN	-5.783669	-0.001607	PASS
N48	30	100	DFT-PI2BPSK	M	Outer_Full	NV	TN	-5.526123	-0.001524	PASS

N48	30	100	DFT-QPSK	M	Outer_Full	NV	TN	-3.996100	-0.001102	PASS
N48	30	100	DFT-16QAM	M	Outer_Full	NV	TN	0.141090	0.000039	PASS
N48	30	100	DFT-64QAM	M	Outer_Full	NV	TN	2.221189	0.000613	PASS
N48	30	100	DFT-256QAM	M	Outer_Full	NV	TN	-5.754329	-0.001587	PASS
N48	30	100	CP-QPSK	M	Outer_Full	NV	TN	-3.633582	-0.001002	PASS
N48	30	100	CP-16QAM	M	Outer_Full	NV	TN	4.925226	0.001359	PASS
N48	30	100	CP-64QAM	M	Outer_Full	NV	TN	-3.866193	-0.001067	PASS
N48	30	100	CP-256QAM	M	Outer_Full	NV	TN	-5.230556	-0.001443	PASS
N48	30	100	DFT-PI2BPSK	H	Outer_Full	NV	TN	-12.408554	-0.003400	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	NV	TN	-8.222771	-0.002253	PASS
N48	30	100	DFT-16QAM	H	Outer_Full	NV	TN	-8.877893	-0.002432	PASS
N48	30	100	DFT-64QAM	H	Outer_Full	NV	TN	-2.770385	-0.000759	PASS
N48	30	100	DFT-256QAM	H	Outer_Full	NV	TN	-7.836339	-0.002147	PASS
N48	30	100	CP-QPSK	H	Outer_Full	NV	TN	-4.936471	-0.001352	PASS
N48	30	100	CP-16QAM	H	Outer_Full	NV	TN	-6.193679	-0.001697	PASS
N48	30	100	CP-64QAM	H	Outer_Full	NV	TN	0.344503	0.000094	PASS
N48	30	100	CP-256QAM	H	Outer_Full	NV	TN	-9.655184	-0.002645	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	NV	TN	-3.388248	-0.004063	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	TN	-1.813036	-0.002174	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	TN	-1.652477	-0.001981	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	NV	TN	-2.585042	-0.003100	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	NV	TN	-0.977052	-0.001172	PASS
N5	15	20	CP-QPSK	L	Outer_Full	NV	TN	-1.197607	-0.001436	PASS
N5	15	20	CP-16QAM	L	Outer_Full	NV	TN	-4.087810	-0.004901	PASS
N5	15	20	CP-64QAM	L	Outer_Full	NV	TN	-2.518505	-0.003020	PASS
N5	15	20	CP-256QAM	L	Outer_Full	NV	TN	-2.907162	-0.003486	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	TN	-3.383645	-0.004045	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	TN	-3.097447	-0.003703	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	TN	-3.434680	-0.004106	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	NV	TN	-3.444835	-0.004118	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	NV	TN	-3.653892	-0.004368	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	TN	-1.822119	-0.002178	PASS
N5	15	20	CP-16QAM	M	Outer_Full	NV	TN	-1.536582	-0.001837	PASS
N5	15	20	CP-64QAM	M	Outer_Full	NV	TN	-3.358101	-0.004014	PASS
N5	15	20	CP-256QAM	M	Outer_Full	NV	TN	-3.092172	-0.003697	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	NV	TN	-1.440788	-0.001717	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	TN	-2.191595	-0.002612	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	TN	-3.488091	-0.004157	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	NV	TN	-3.904333	-0.004654	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	NV	TN	-3.831717	-0.004567	PASS
N5	15	20	CP-QPSK	H	Outer_Full	NV	TN	-1.313088	-0.001565	PASS

N5	15	20	CP-16QAM	H	Outer_Full	NV	TN	-2.306625	-0.002749	PASS
N5	15	20	CP-64QAM	H	Outer_Full	NV	TN	-1.066297	-0.001271	PASS
N5	15	20	CP-256QAM	H	Outer_Full	NV	TN	-1.160997	-0.001384	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-20	-6.166707	-0.009163	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	50	-2.137877	-0.003177	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	40	-4.077126	-0.006058	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	30	-5.935127	-0.008819	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	20	-2.388880	-0.003550	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	10	-3.968871	-0.005897	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-10	-5.096140	-0.007572	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-30	-4.195655	-0.006234	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	0	-92.157066	-0.136935	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-2.805513	-0.004169	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-2.031677	-0.003019	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	-2.652814	3.203942	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	-2.586186	-0.003843	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	-1.992578	-0.002961	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	535.983887	0.796410	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	1.005549	0.001494	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	-2.415571	-0.003589	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.138884	-0.006150	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-3.649511	-0.005423	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	50	-3.966230	-0.005893	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	40	-5.357568	-0.007961	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	30	-3.868821	-0.005749	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	20	-4.585481	-0.006813	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	10	-4.281488	-0.006362	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	0	-1.624852	-0.002414	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-4.241184	-0.006302	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-10	1086.96508 8	1.615104	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	20	-3.886987	-0.005776	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	-30	-4.994545	-0.007421	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	-20	-4.805258	-0.007140	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	-10	370.950806	0.551190	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	30	305.781952	0.454357	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	40	-3.637207	-0.005404	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	50	-6.445368	-0.009577	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	0	-4.173881	-0.006202	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	NV	10	-2.093644	-0.003111	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	20	-4.016931	-0.005969	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	50	-1.920242	-0.002853	PASS

N71	15	20	DFT-256QAM	L	Outer_Full	NV	30	418.079010	0.621217	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	10	-2.168881	-0.003223	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	0	-2.917877	-0.004336	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	-10	-1.744053	-0.002591	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	-20	-3.403654	-0.005057	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	-30	-60.712994	-0.090212	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	NV	40	-2.148161	-0.003192	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-30	- 109.900520	-0.163299	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-20	-79.262245	-0.117775	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	0	23.520294	0.034948	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	10	50.017982	0.074321	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	20	-55.991615	-0.083197	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	30	-60.142887	-0.089365	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	40	93.667503	0.139179	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	50	-34.143772	-0.050734	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-10	-94.317581	-0.140145	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	50	12.717919	0.018897	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-20	-49.978157	-0.074262	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-10	22.636753	0.033636	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	0	20.555441	0.030543	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	10	-7.358720	-0.010934	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	20	34.251808	0.050894	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	30	-92.692284	-0.137730	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-30	-99.943947	-0.148505	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	40	128.809326	0.191396	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	10	-53.200626	-0.079050	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	-20	0.168523	0.000250	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	-10	52.195759	0.077557	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	0	-79.595322	-0.118269	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	20	-38.344795	-0.056976	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	40	-13.148170	-0.019537	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	50	-45.614185	-0.067777	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	-30	-30.725824	-0.045655	PASS
N71	15	20	CP-64QAM	L	Outer_Full	NV	30	2.614414	0.003885	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	10	91.582787	0.136081	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	50	-78.192261	-0.116185	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	40	-73.950676	-0.109882	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	20	10.860197	0.016137	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	0	27.698872	0.041157	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	-10	-12.382901	-0.018400	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	-20	-	-0.157201	PASS

								105.796181		
N71	15	20	CP-256QAM	L	Outer_Full	NV	-30	35.521030	0.052780	PASS
N71	15	20	CP-256QAM	L	Outer_Full	NV	30	-97.851479	-0.145396	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.550266	-0.006687	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.463609	-0.005090	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.945639	-0.007268	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.479920	-0.006583	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.904340	-0.005737	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.676714	-0.003933	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.062871	-0.005970	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	- 957.071289	-1.406424	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.519276	-0.003702	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.007775	-0.007359	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-5.253136	-0.007720	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.345778	-0.009325	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-2.884334	-0.004239	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-5.495069	-0.008075	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-6.195535	-0.009104	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	- 449.951660	-0.661207	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-6.001082	-0.008819	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.404734	-0.005003	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-4.439083	-0.006523	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	50	-6.114639	-0.008986	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	40	-6.416778	-0.009430	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	30	-4.959104	-0.007287	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	20	-6.259038	-0.009198	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	10	-6.637476	-0.009754	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-3.004920	-0.004416	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-2.624386	-0.003857	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	0	386.369171	0.567772	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	30	-4.927797	-0.007241	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	0	-3.060152	-0.004497	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	50	-6.664146	-0.009793	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	40	70.836426	0.104095	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	10	-3.142336	-0.004618	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-30	-2.351025	-0.003455	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-10	-3.461918	-0.005087	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	20	-3.695662	-0.005431	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	NV	-20	-4.539099	-0.006670	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	20	-3.682982	-0.005412	PASS

N71	15	20	DFT-256QAM	M	Outer_Full	NV	50	-6.789412	-0.009977	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	30	-2.874502	-0.004224	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	10	604.626831	0.888504	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	0	- 700.226929	-1.028989	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-10	497.466583	0.731031	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-20	-3.358659	-0.004936	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	-30	-3.812542	-0.005603	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	NV	40	-3.103525	-0.004561	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	- 140.634186	-0.206663	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-2.466238	-0.003624	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	- 360.307343	-0.529474	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.165263	-0.006121	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.582273	-0.008203	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-5.423946	-0.007971	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-5.530662	-0.008127	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.790606	-0.005570	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-4.101578	-0.006027	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	50	-7.661105	-0.011258	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-20	-8.520746	-0.012521	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-30	-8.691592	-0.012772	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	0	-8.350633	-0.012271	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	10	-9.284174	-0.013643	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	20	- 577.932922	-0.849277	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	30	-8.907144	-0.013089	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	40	-7.785657	-0.011441	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-10	-8.294804	-0.012189	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-20	-5.752394	-0.008453	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	40	-9.511554	-0.013977	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-10	-7.227452	-0.010621	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	0	-4.793036	-0.007043	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	10	567.949829	0.834607	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	20	-9.719204	-0.014282	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	30	-8.867385	-0.013031	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	50	-9.211255	-0.013536	PASS
N71	15	20	CP-64QAM	M	Outer_Full	NV	-30	-7.913491	-0.011629	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	20	-7.981215	-0.011728	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-30	-8.034399	-0.011807	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	40	-6.083515	-0.008940	PASS

N71	15	20	CP-256QAM	M	Outer_Full	NV	50	-6.534235	-0.009602	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	10	-6.986574	-0.010267	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	0	-5.406938	-0.007946	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-10	-9.200618	-0.013520	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	-20	-6.968741	-0.010355	PASS
N71	15	20	CP-256QAM	M	Outer_Full	NV	30	-6.268074	-0.009211	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-30	-4.277815	-0.006218	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-10	-3.518844	-0.005115	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	50	-5.840283	-0.008489	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	0	-4.082977	-0.005935	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	10	-4.030402	-0.005858	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	30	-3.829693	-0.005566	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	20	-4.002964	-0.005818	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-20	-5.999293	-0.008720	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	40	-6.514192	-0.009468	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-7.996872	-0.011623	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	-7.444355	-0.010820	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	-6.335084	-0.009208	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	-4.941696	-0.007183	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-5.718537	-0.008312	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	-9.027278	-0.013121	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-8.360826	-0.012152	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	457.806091	0.665416	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	-8.770378	-0.012748	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-8.821215	-0.012822	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.418619	-0.007876	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	10	-6.341308	-0.009217	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	20	-6.039002	-0.008778	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	30	-3.640958	-0.005292	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	40	-4.195226	-0.006098	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	50	-8.031549	-0.011674	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-8.410853	-0.012225	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-7.053789	-0.010253	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	30	-7.070968	-0.010278	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	-20	-4.649878	-0.006759	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	-10	-8.398053	-0.012206	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	0	-5.776481	-0.008396	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	10	-6.623735	-0.009628	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	NV	20	-7.535967	-0.010953	PASS
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N71	15	20	DFT-64QAM	H	Outer_Full	NV	50	- 139.671677	-0.203011	PASS

N71	15	20	DFT-64QAM	H	Outer_Full	NV	-30	- 731.480713	-1.063199	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	20	-8.672445	-0.012605	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	-20	-8.842738	-0.012853	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	-10	-7.791626	-0.011325	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	0	-6.851110	-0.009958	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	-30	- 390.093567	-0.566996	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	10	- 268.430786	-0.390161	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	30	-5.467609	-0.007947	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	40	665.831787	0.967779	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	NV	50	-7.071002	-0.010278	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	40	109.405830	0.159020	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	50	- 377.458923	-0.548632	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	30	-8.151737	-0.011848	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	20	-6.627646	-0.009633	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	0	-5.287199	-0.007685	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-10	-5.398704	-0.007847	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-30	-4.602600	-0.006690	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-20	-6.115169	-0.008888	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	10	-7.779210	-0.011307	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	0	-6.743345	-0.009801	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	50	-7.508915	-0.010914	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	40	-9.351907	-0.013593	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	30	-9.506701	-0.013818	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-30	-7.631417	-0.011092	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	10	-9.671924	-0.014058	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-10	-7.814021	-0.011358	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-20	-7.951838	-0.011558	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	20	946.085754	1.375125	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	10	- 1132.91906 7	-1.646685	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	30	-8.450098	-0.012282	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	40	-8.073061	-0.011734	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	20	-6.446076	-0.009369	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	-10	-6.914682	-0.010050	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	0	-6.328289	-0.009198	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	-20	-6.424512	-0.009338	PASS
N71	15	20	CP-64QAM	H	Outer_Full	NV	-30	-8.757236	-0.012729	PASS

N71	15	20	CP-64QAM	H	Outer_Full	NV	50	-7.386002	-0.010735	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	0	- 860.509705	-1.250741	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	30	-7.743001	-0.011254	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	10	-7.360525	-0.010698	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	-10	-8.691001	-0.012632	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	-20	-9.684072	-0.014076	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	-30	-6.175318	-0.008976	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	40	-8.337770	-0.012119	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	50	-4.659420	-0.006772	PASS
N71	15	20	CP-256QAM	H	Outer_Full	NV	20	-7.548415	-0.010972	PASS

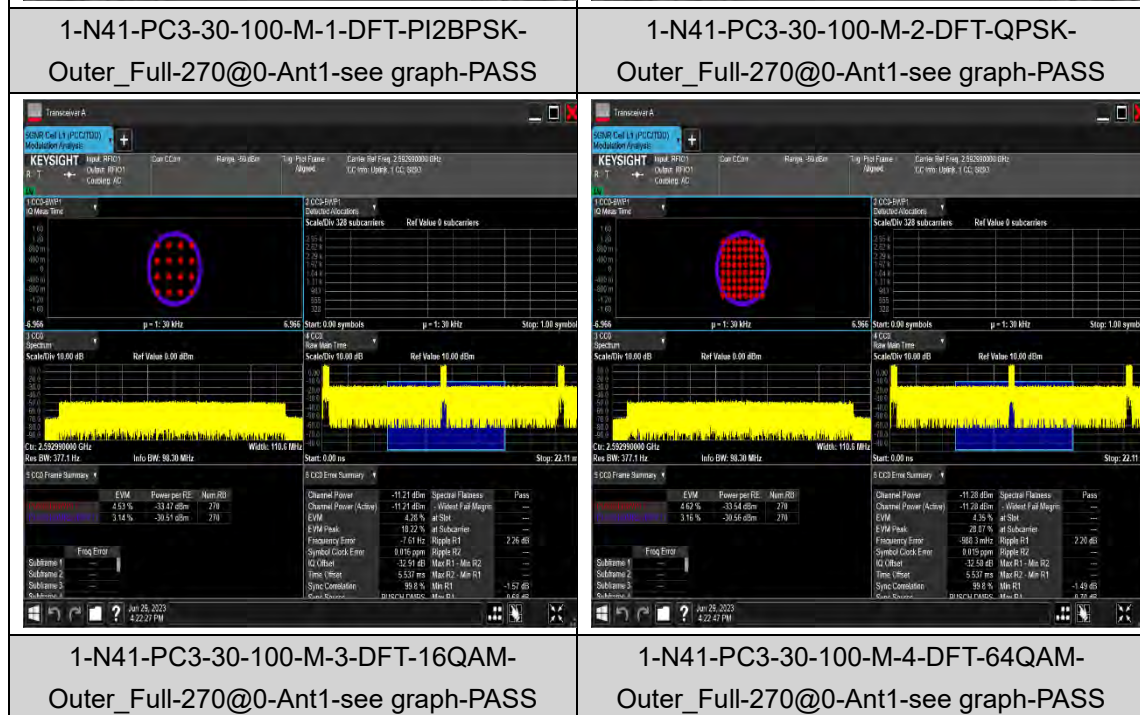
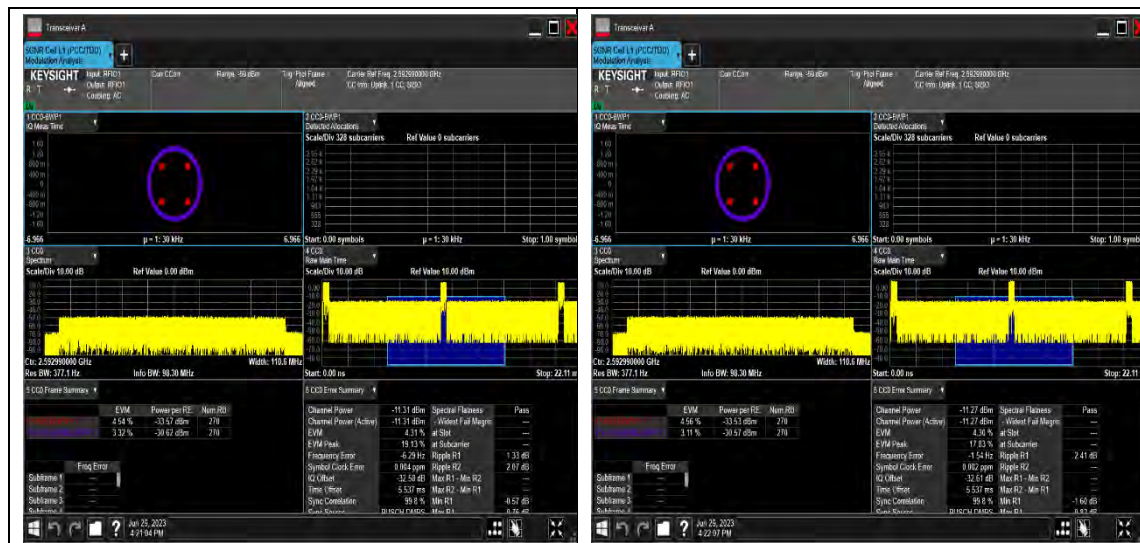
Appendix F: Modulation characteristics for SA

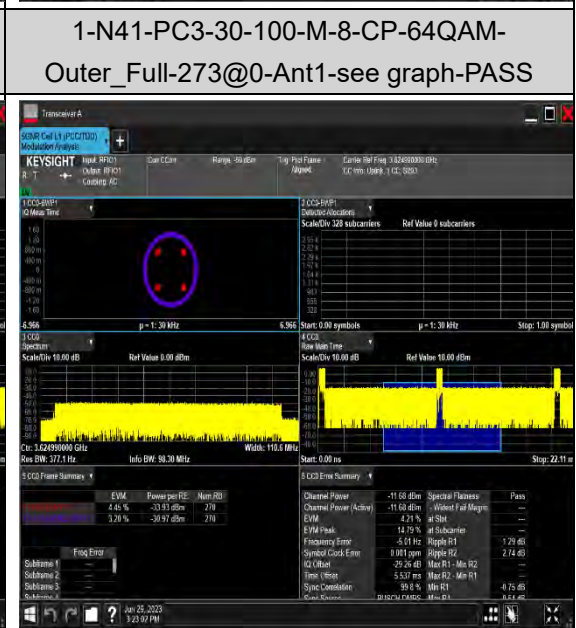
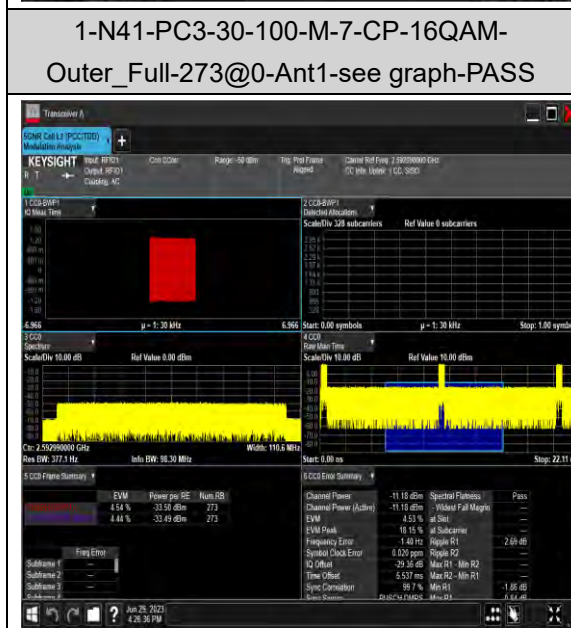
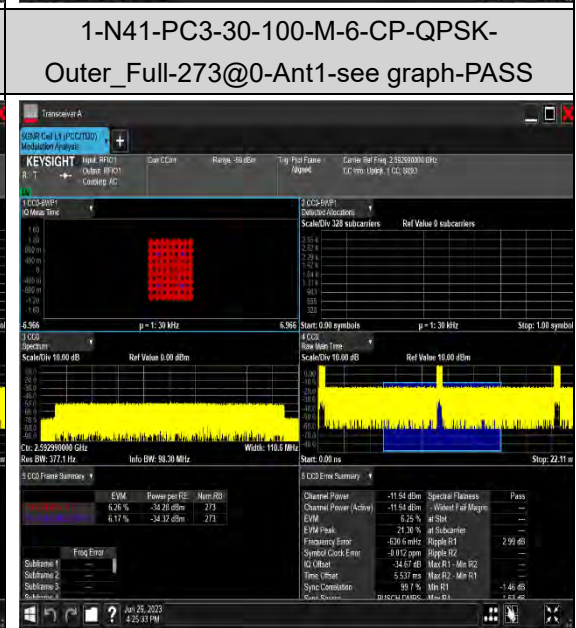
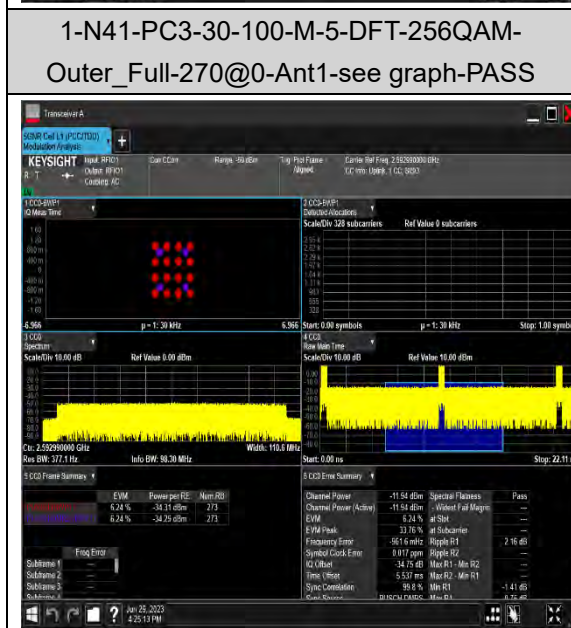
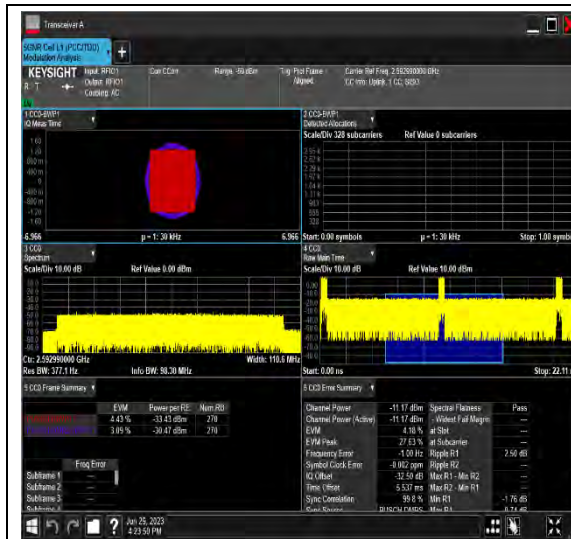
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-256QAM	M	Outer_Full	see graph	PASS
N48	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N48	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N48	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N48	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N48	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N48	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N48	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N48	30	100	CP-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see	PASS

						graph	
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N71	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

Test Graphs

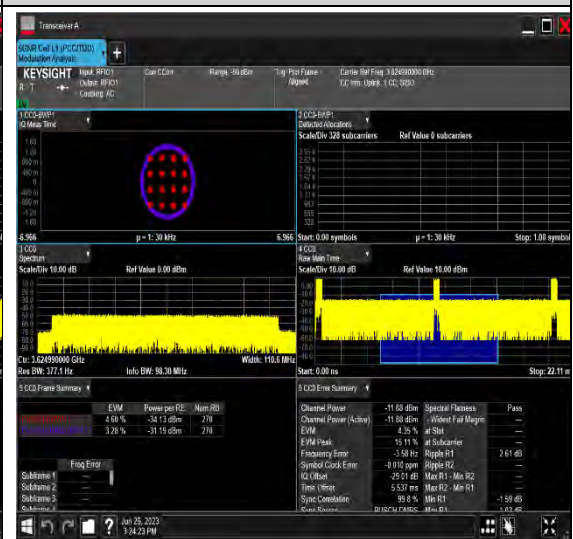
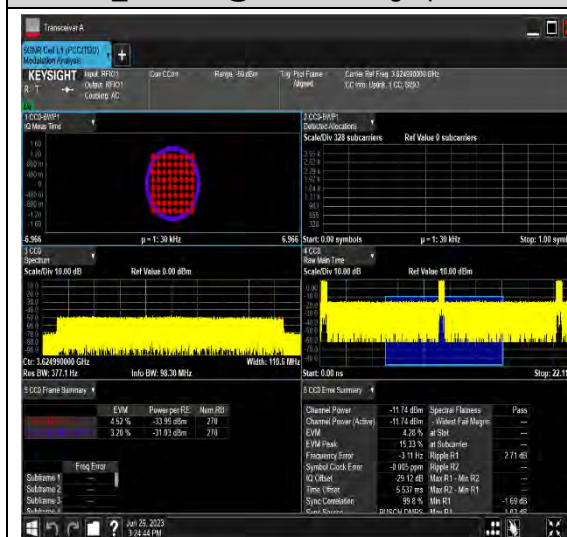
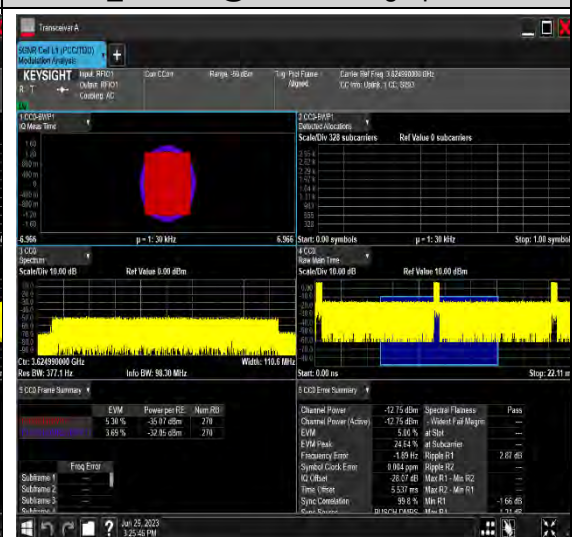
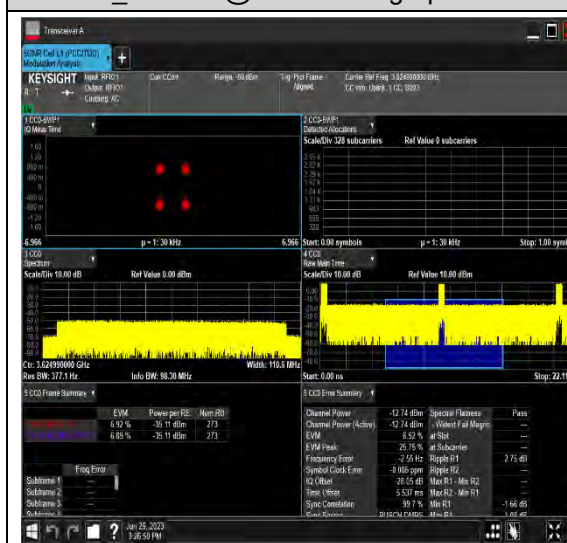
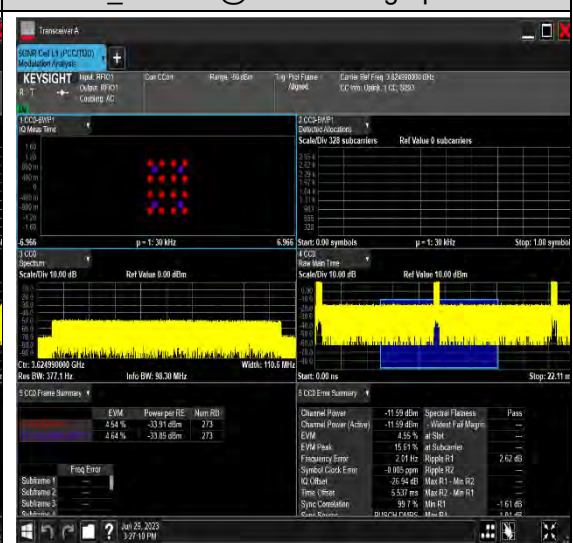




Outer_Full-273@0-Ant1-see graph-PASS



Outer_Full-270@0-Ant1-see graph-PASS

1-N48-PC3-30-100-M-2-DFT-QPSK-
Outer_Full-270@0-Ant1-see graph-PASS1-N48-PC3-30-100-M-3-DFT-16QAM-
Outer_Full-270@0-Ant1-see graph-PASS1-N48-PC3-30-100-M-4-DFT-64QAM-
Outer_Full-270@0-Ant1-see graph-PASS1-N48-PC3-30-100-M-5-DFT-256QAM-
Outer_Full-270@0-Ant1-see graph-PASS

1-N48-PC3-30-100-M-6-CP-QPSK-
Outer_Full-273@0-Ant1-see graph-PASS



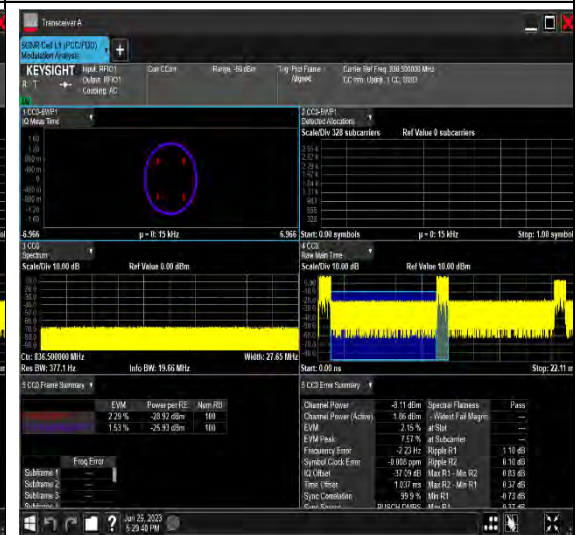
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Outer_Full-273@0-Ant1-see graph-PASS



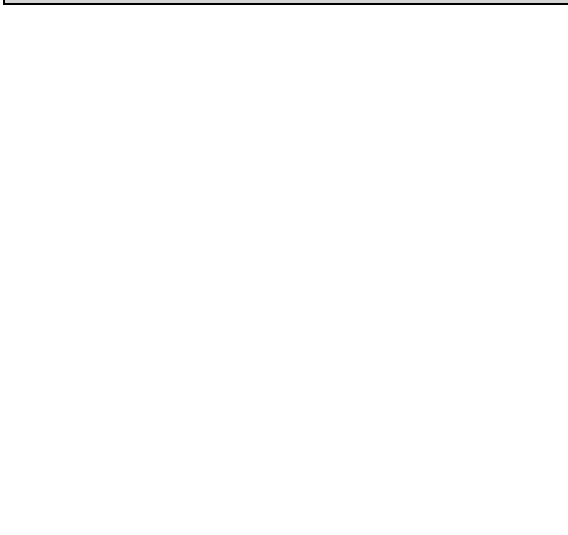
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Outer_Full-273@0-Ant1-see graph-PASS



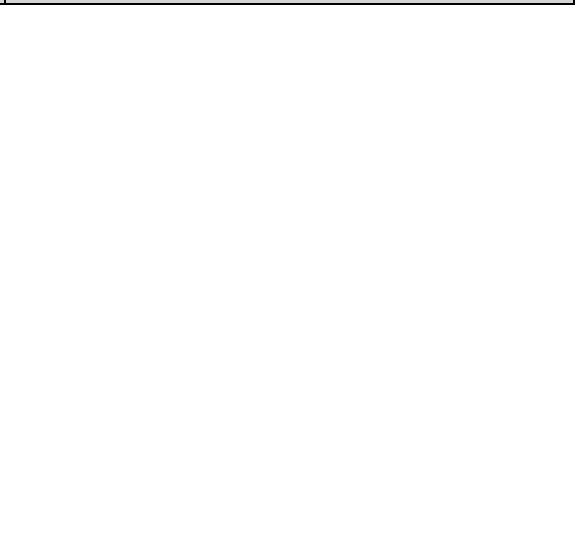
1-N48-PC3-30-100-M-9-CP-256QAM-
Outer_Full-273@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-
Outer_Full-100@0-Ant1-see graph-PASS

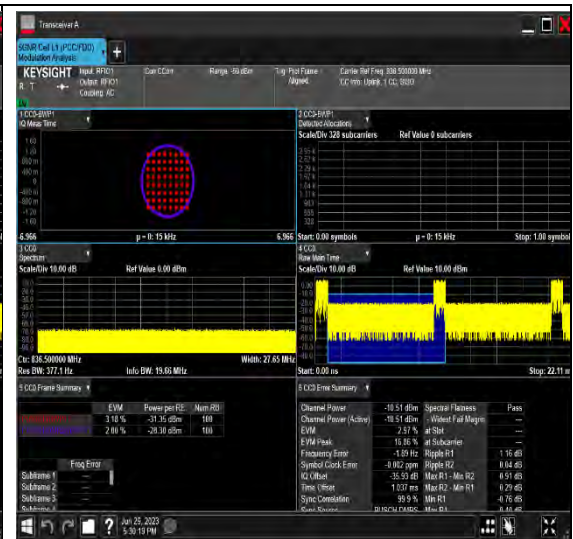


1-N5-PC3-15-20-M-2-DFT-QPSK-Outer_Full-
100@0-Ant1-see graph-PASS





1-N5-PC3-15-20-M-3-DFT-16QAM-
Outer_Full-100@0-Ant1-see graph-PASS



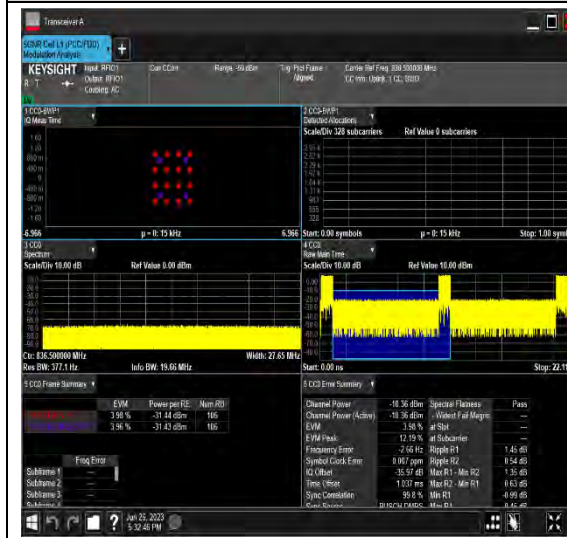
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Outer_Full-100@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-
Outer_Full-100@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-
106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-
106@0-Ant1-see graph-PASS

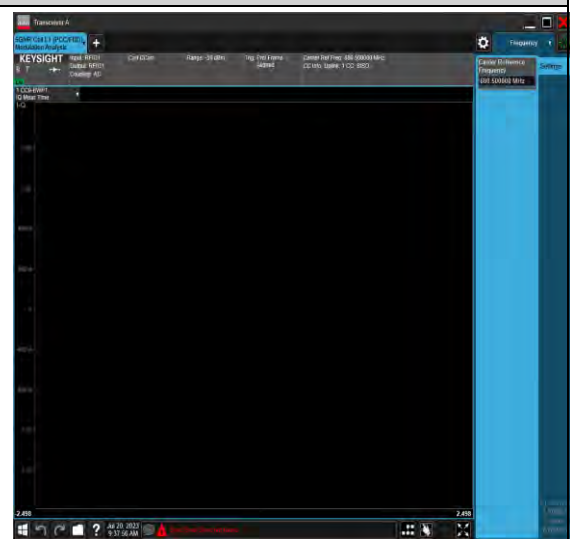
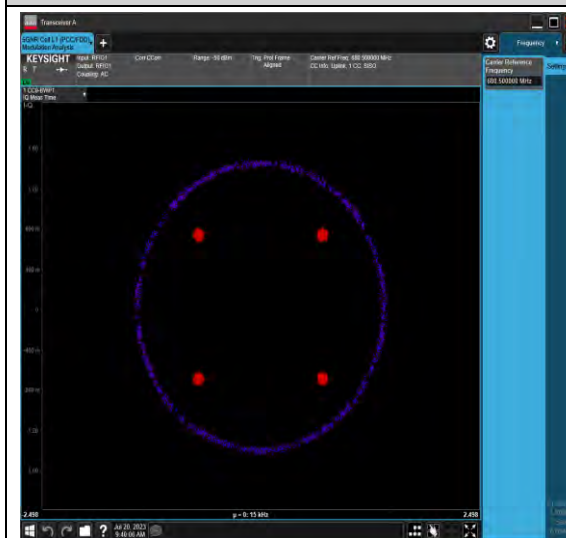
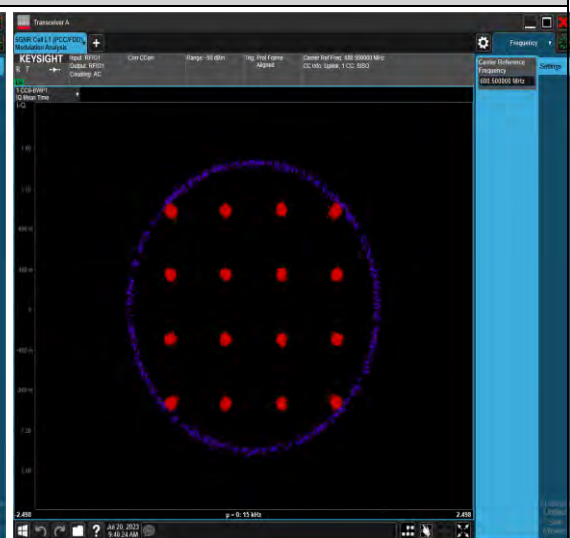
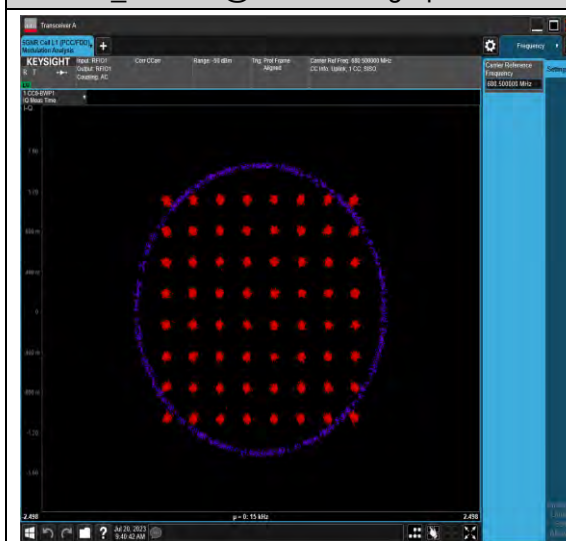
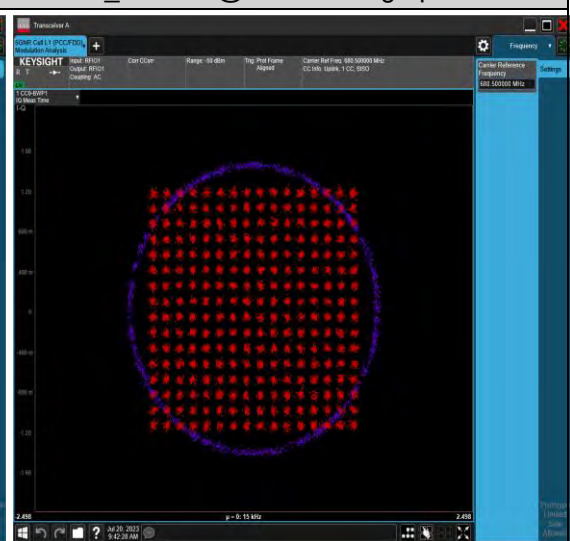


1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-
106@0-Ant1-see graph-PASS

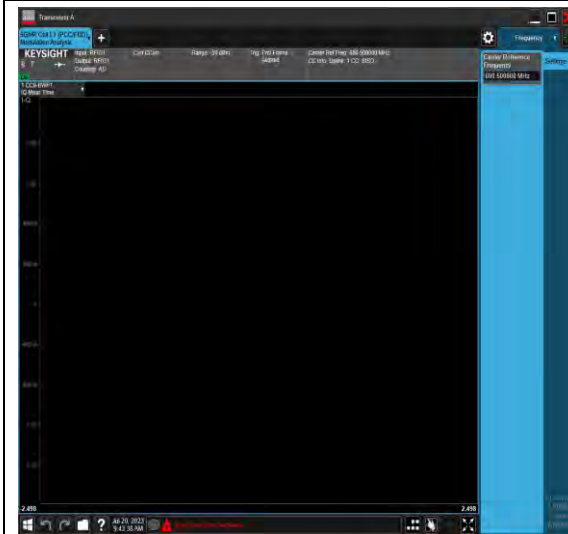
106@0-Ant1-see graph-PASS



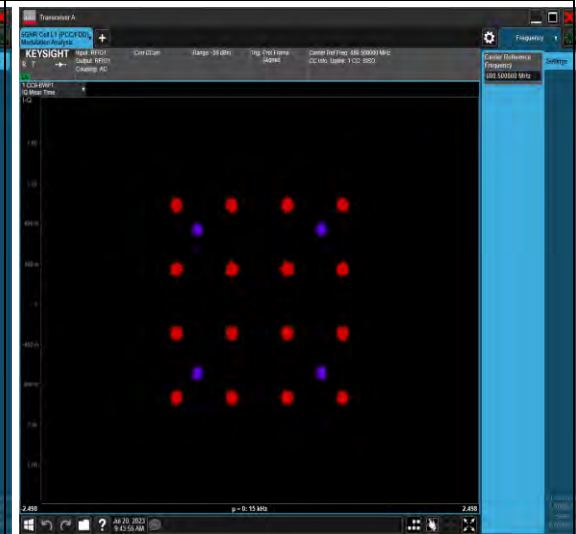
106@0-Ant1-see graph-PASS

1-N5-PC3-15-20-M-9-CP-256QAM-
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Outer_Full-100@0-Ant1-see graph-PASS1-N71-PC3-15-20-M-2-DFT-QPSK-
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Outer_Full-100@0-Ant1-see graph-PASS

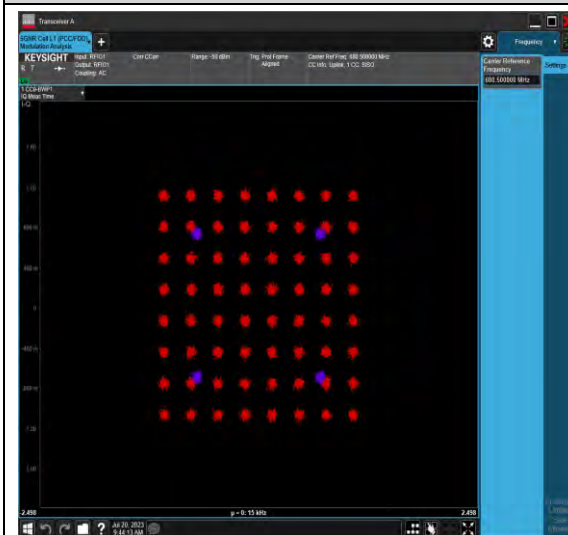
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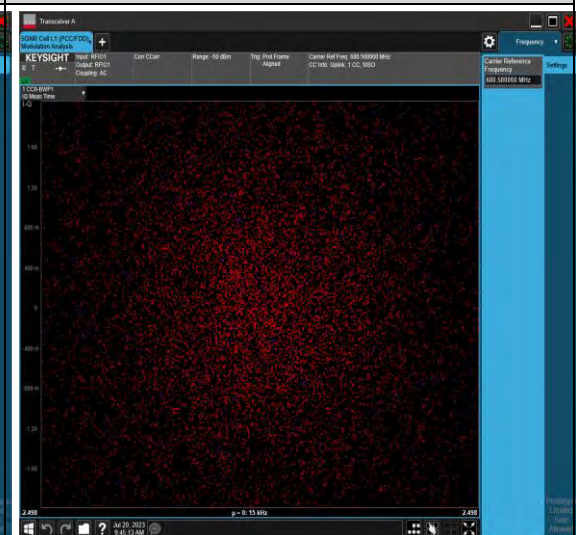
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Outer_Full-100@0-Ant1-see graph-PASS



1-N71-PC3-15-20-M-6-CP-QPSK-Outer_Full-
106@0-Ant1-see graph-PASS



1-N71-PC3-15-20-M-7-CP-16QAM-
Outer_Full-106@0-Ant1-see graph-PASS



1-N71-PC3-15-20-M-8-CP-64QAM-
Outer_Full-106@0-Ant1-see graph-PASS



1-N71-PC3-15-20-M-9-CP-256QAM-
Outer_Full-106@0-Ant1-see graph-PASS

