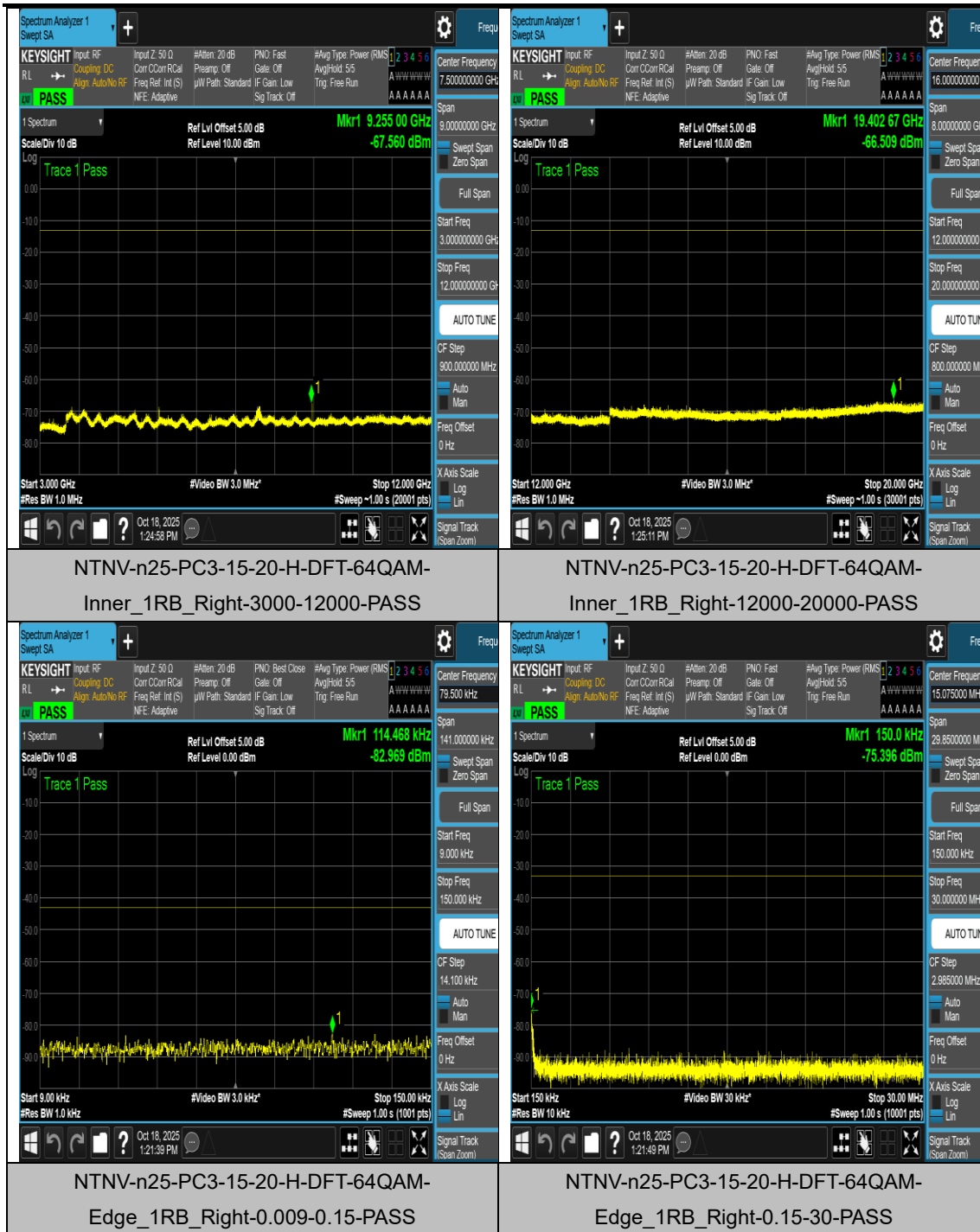
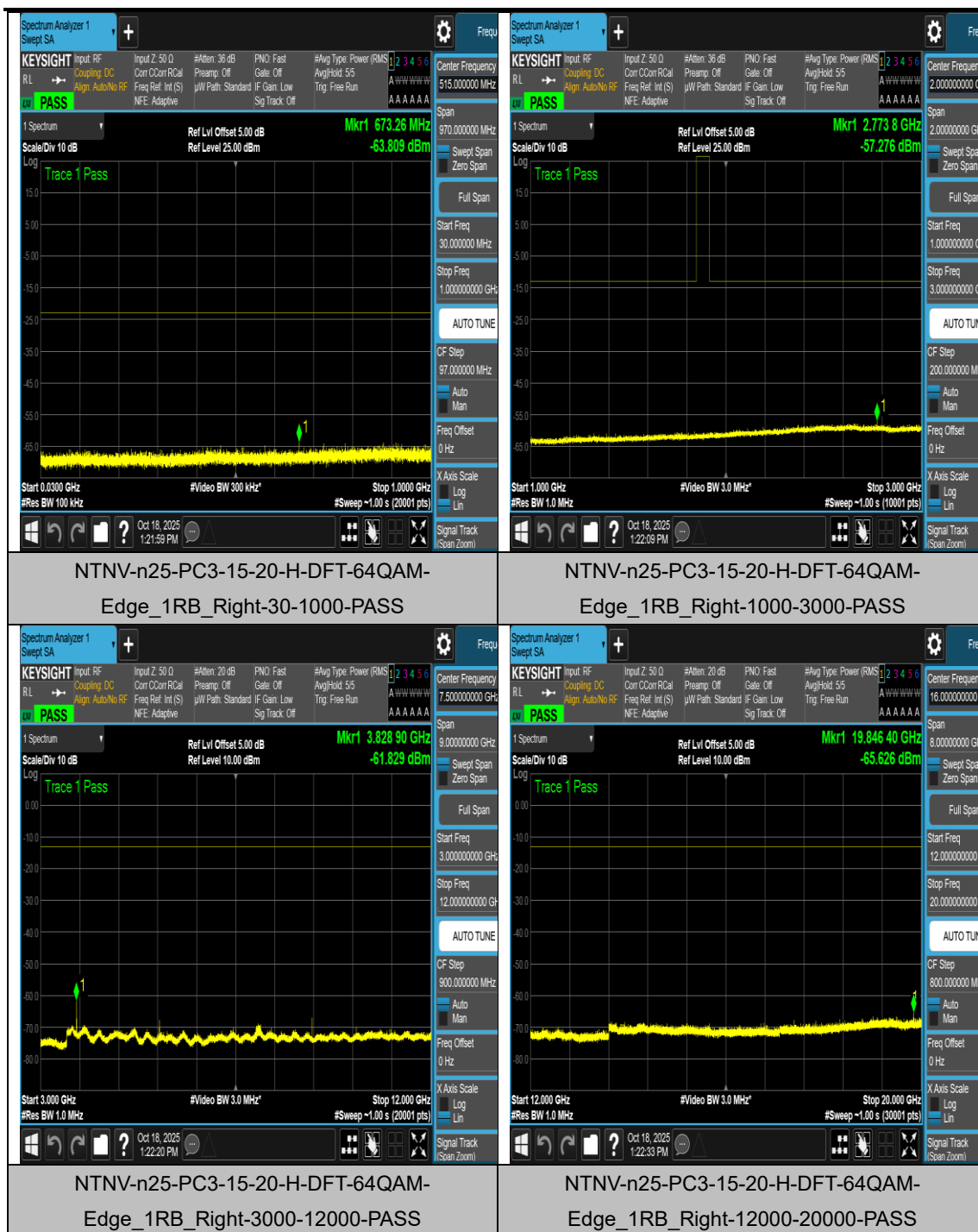
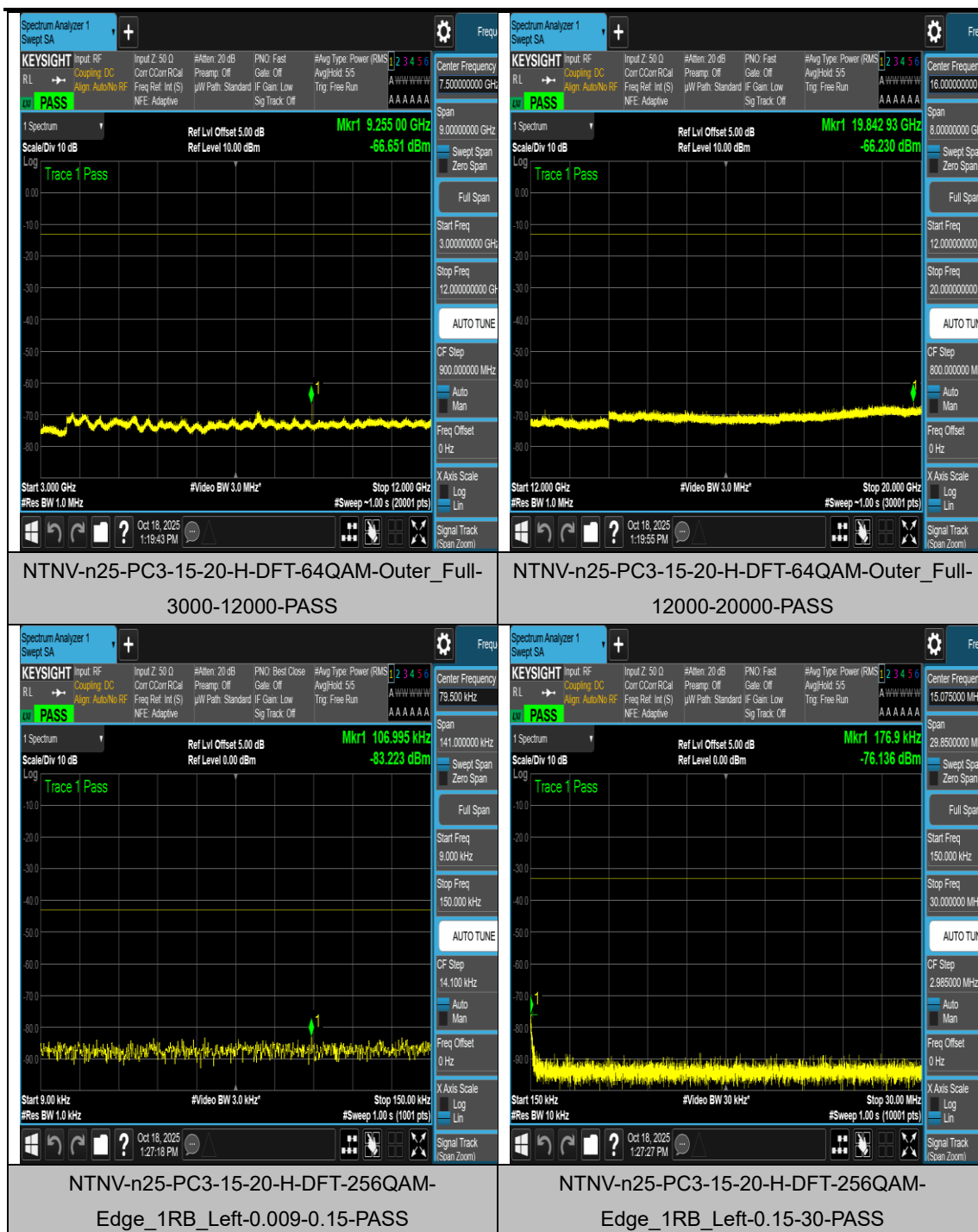


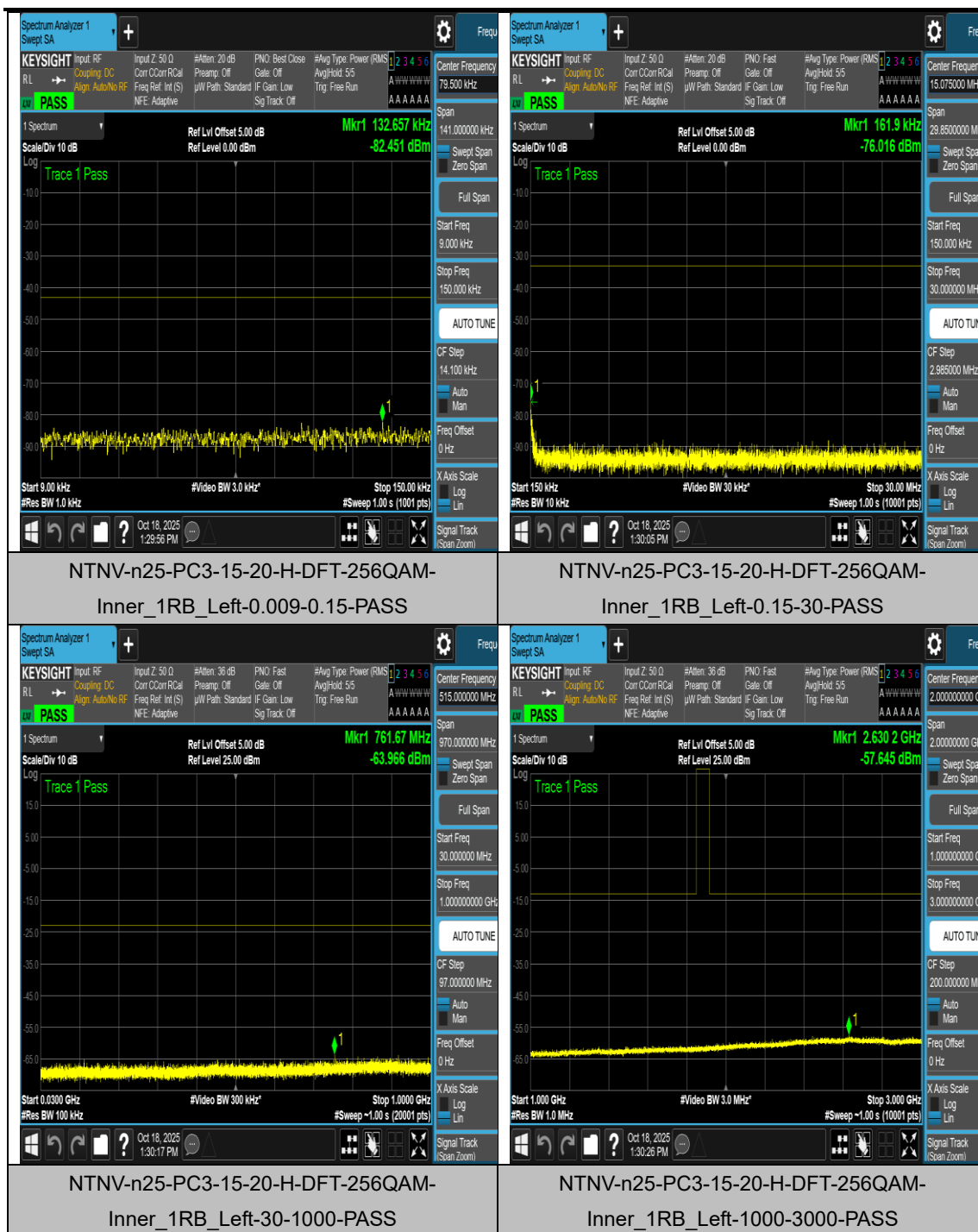


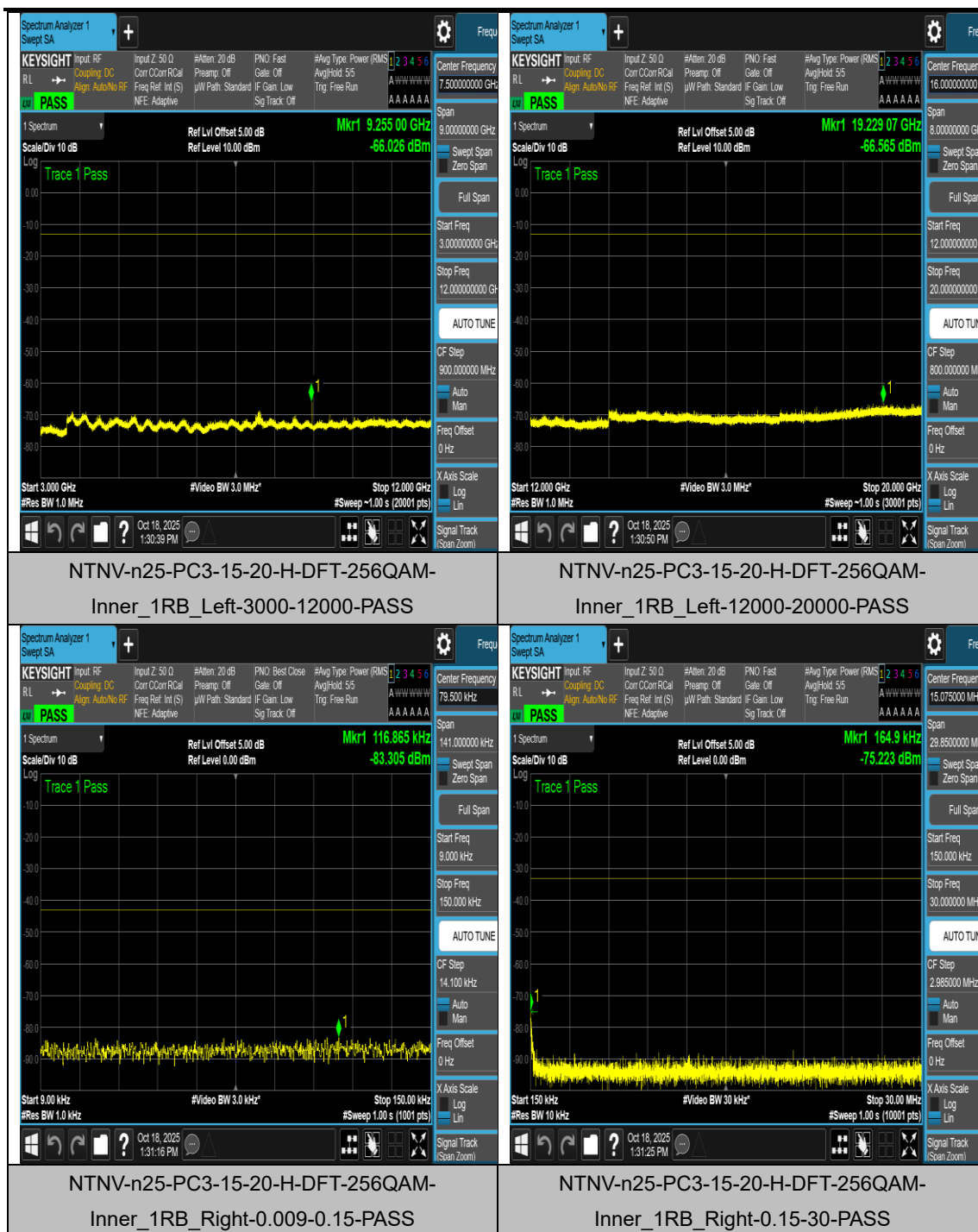




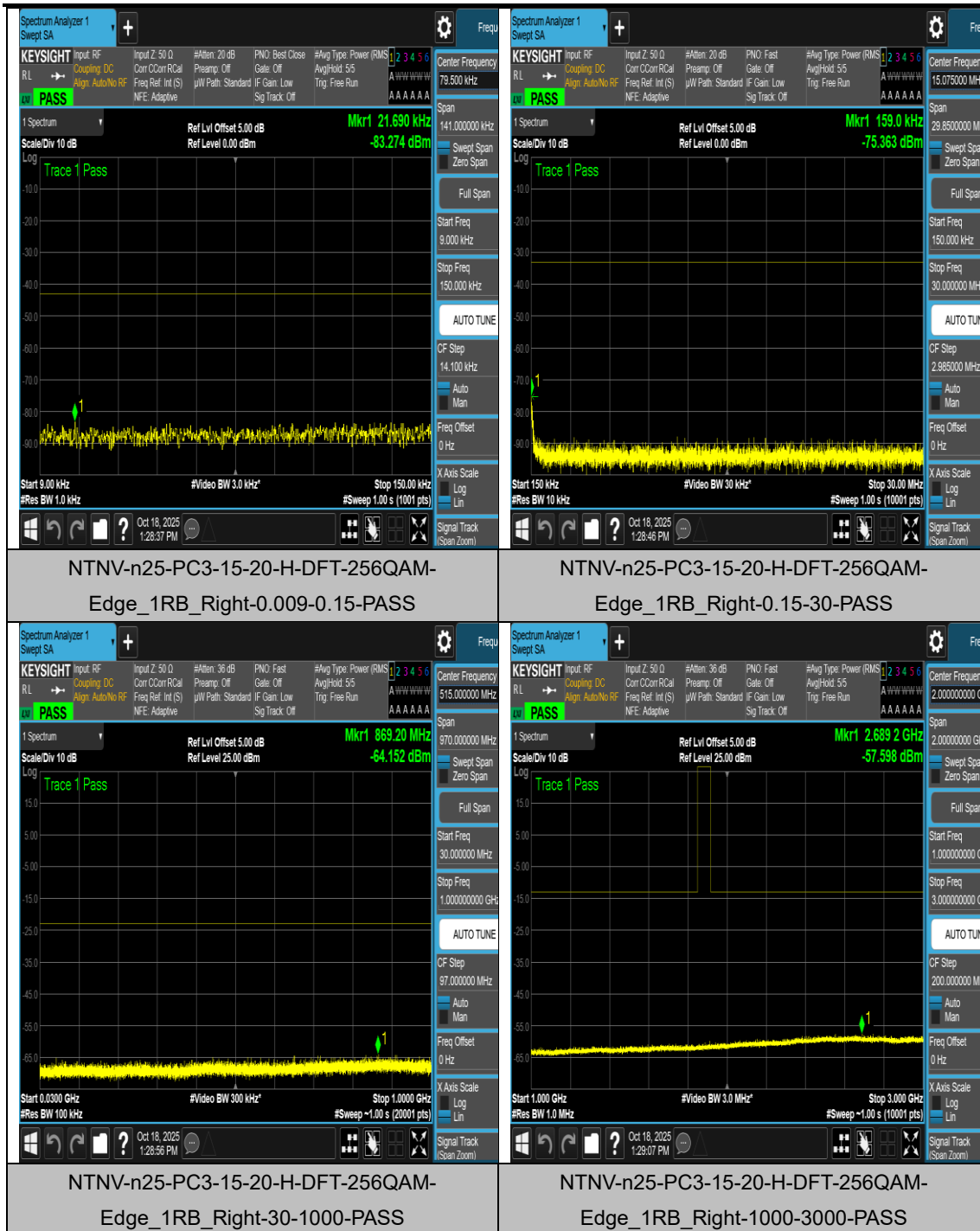


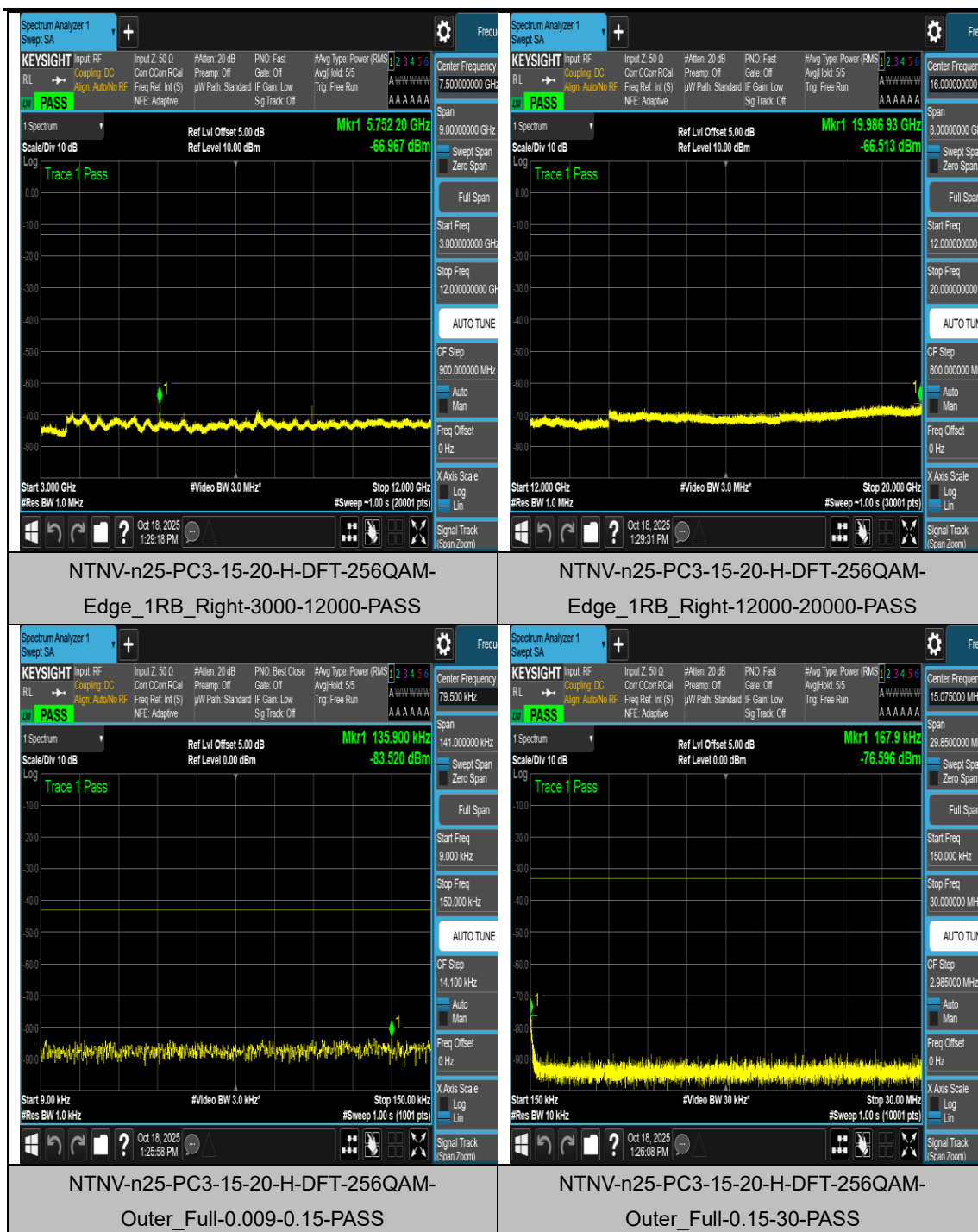




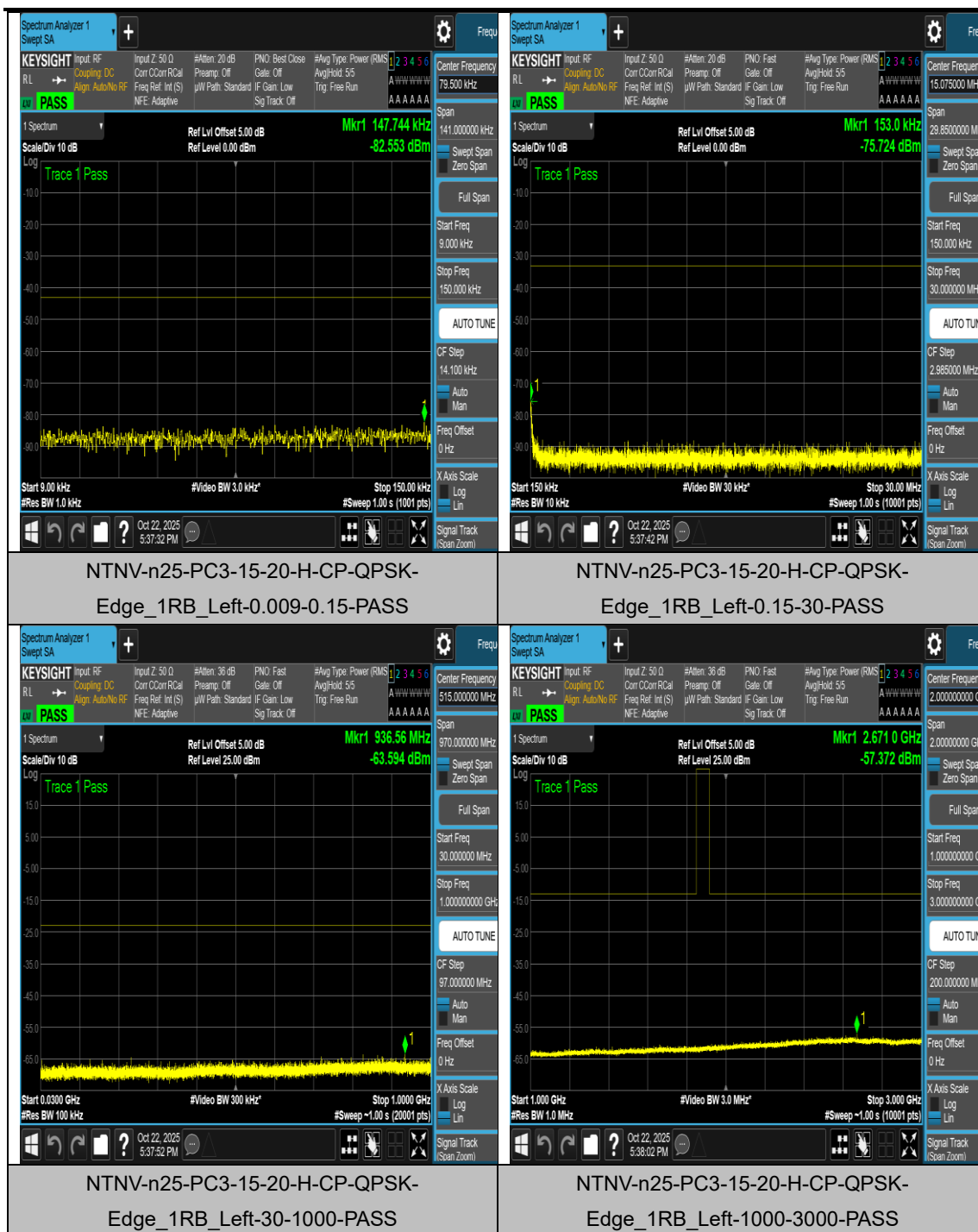


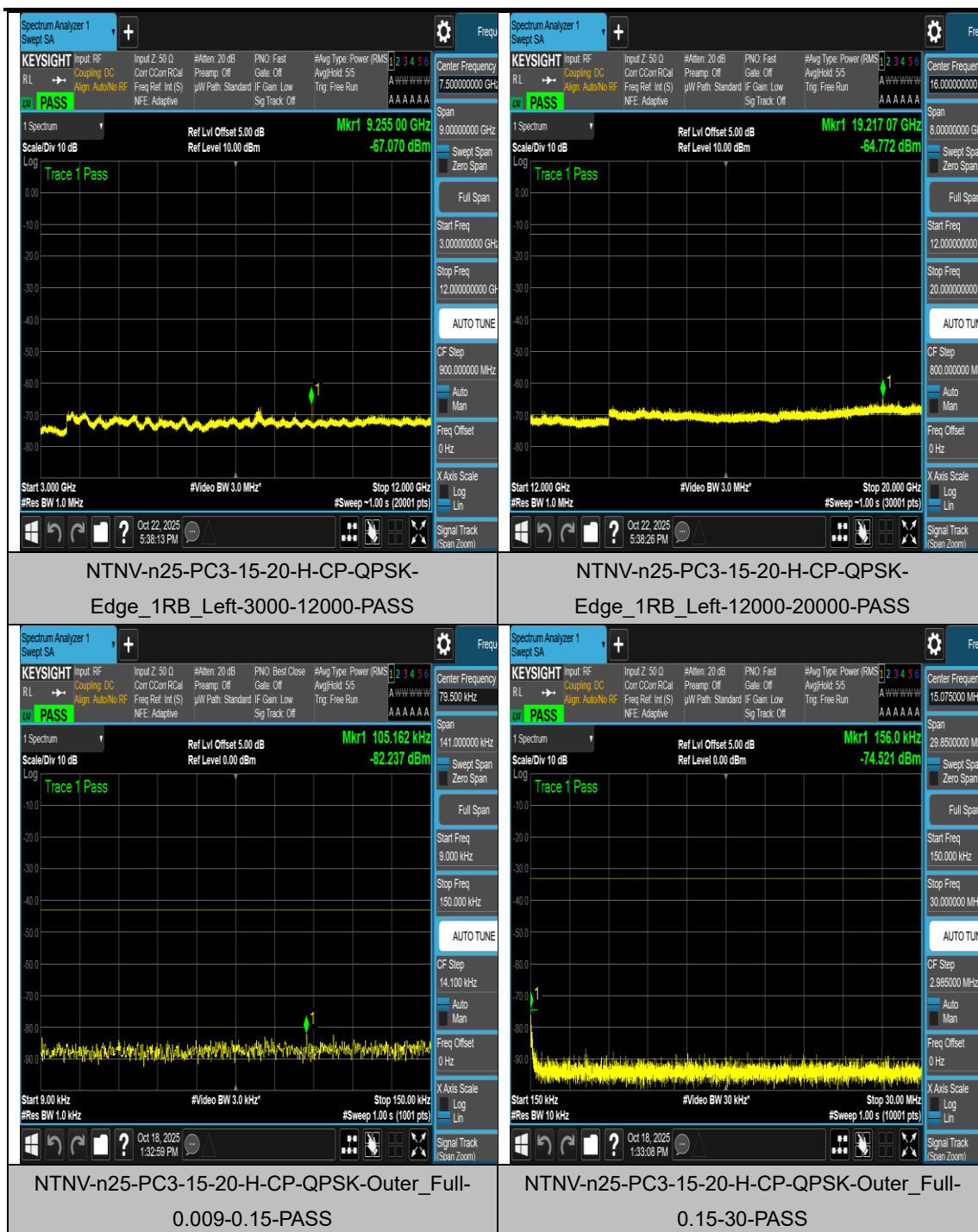


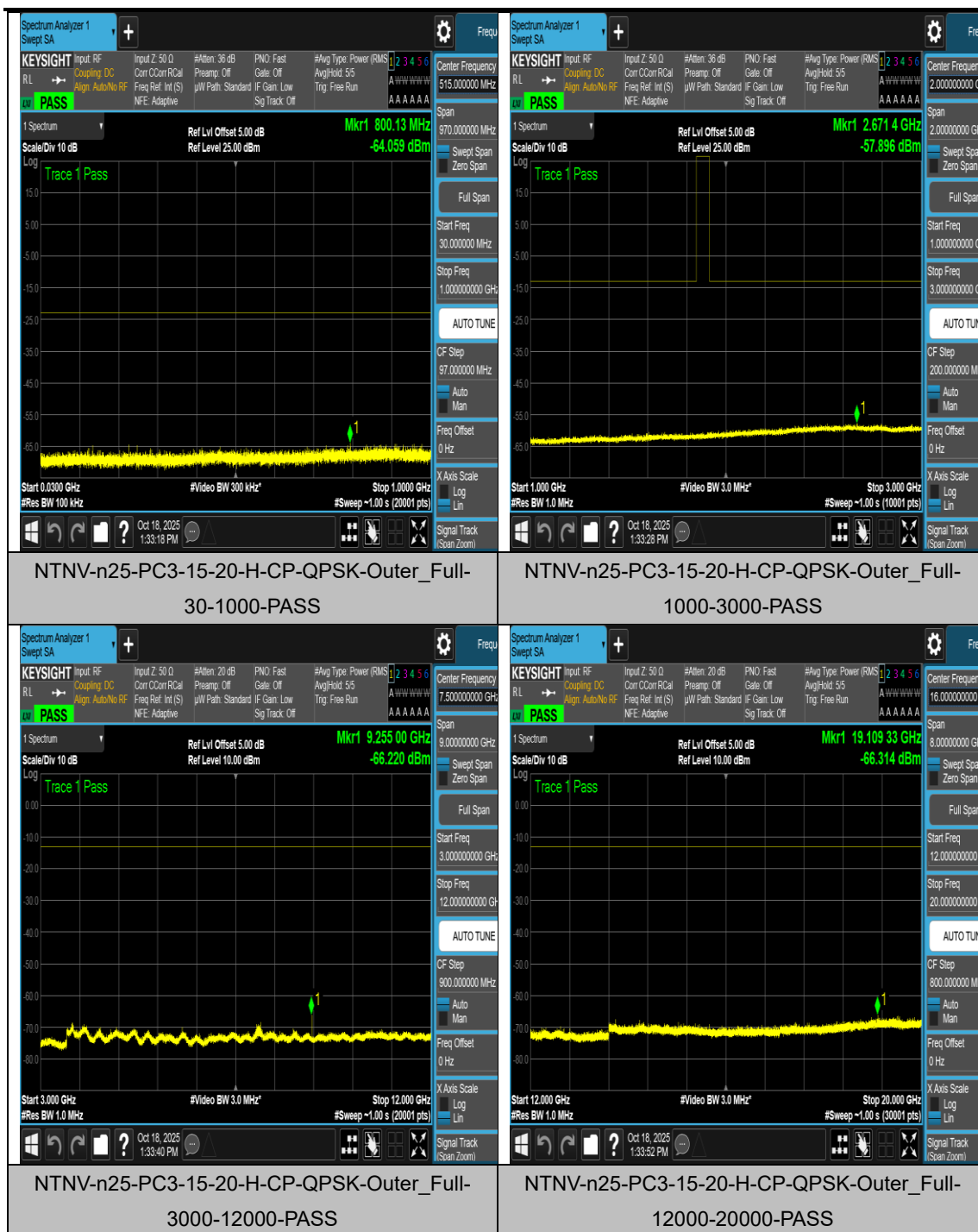












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage													
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Result (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
n25	15	5	DFT-BPSK	L	Outer_Full	VL	NT	- 0.002677	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	VN	NT	- 0.000943	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	VH	NT	-7.5E-05	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	VL	NT	- 0.002025	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	VN	NT	- 0.001311	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	VH	NT	- 0.001992	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	VL	NT	- 0.001486	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	VN	NT	- 0.001913	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	VH	NT	- 0.000596	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	VL	NT	- 0.001844	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	VN	NT	- 0.00133	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	VH	NT	- 0.001304	- 2.5~2.5	1850	1915	---	PASS

n25	15	5	DFT-256Q AM	L	Outer_Full	VL	NT	- 0.0009 58	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	DFT-256Q AM	L	Outer_Full	VN	NT	- 0.0016 75	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	DFT-256Q AM	L	Outer_Full	VH	NT	0.0002 17	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	VL	NT	- 0.0020 75	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	VN	NT	- 0.0009 89	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	VH	NT	- 0.0025 43	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-16QA M	L	Outer_Full	VL	NT	- 0.0010 31	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-16QA M	L	Outer_Full	VN	NT	- 0.0009 86	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-16QA M	L	Outer_Full	VH	NT	- 0.0017 09	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-64QA M	L	Outer_Full	VL	NT	- 0.0027 06	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-64QA M	L	Outer_Full	VN	NT	- 0.0026 09	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-64QA M	L	Outer_Full	VH	NT	- 0.0016 76	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-256Q AM	L	Outer_Full	VL	NT	- 0.0023 28	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-256Q AM	L	Outer_Full	VN	NT	- 0.0029 35	- 2.5~2. 5	1850	1915	---	PASS
n25	15	5	CP-256Q	L	Outer_Full	VH	NT	- 0.0008	- 2.5~2.	1850	1915	---	PASS

			AM					77	5				
n25	15	20	DFT-BPSK	H	Outer_Full	VL	NT	- 0.0052 87	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	VN	NT	- 0.0057 68	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	VH	NT	- 0.0056 59	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	- 0.0017 02	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	- 0.0050 82	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	- 0.0061 83	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-16QA M	H	Outer_Full	VL	NT	- 0.0050 4	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-16QA M	H	Outer_Full	VN	NT	- 0.0049 15	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-16QA M	H	Outer_Full	VH	NT	- 0.0058 4	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-64QA M	H	Outer_Full	VL	NT	- 0.0041 93	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-64QA M	H	Outer_Full	VN	NT	- 0.0036 82	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-64QA M	H	Outer_Full	VH	NT	- 0.0020 19	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-256Q AM	H	Outer_Full	VL	NT	- 0.0002 9	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-256Q AM	H	Outer_Full	VN	NT	- 0.0022 1	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	DFT-	H	Outer_	VH	NT	-	-	1850	1915	---	PASS

			256Q AM		Full			0.0013 31	2.5~2. 5				
n25	15	20	CP- QPSK	H	Outer_ Full	VL	NT	- 0.0019 98	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- QPSK	H	Outer_ Full	VN	NT	- 0.0014 23	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- QPSK	H	Outer_ Full	VH	NT	- 0.0010 86	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 16QA M	H	Outer_ Full	VL	NT	4.6E- 05	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 16QA M	H	Outer_ Full	VN	NT	- 0.0024 29	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 16QA M	H	Outer_ Full	VH	NT	- 0.0010 23	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 64QA M	H	Outer_ Full	VL	NT	0.0003 66	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 64QA M	H	Outer_ Full	VN	NT	- 0.0031 29	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 64QA M	H	Outer_ Full	VH	NT	- 0.0018 61	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 256Q AM	H	Outer_ Full	VL	NT	- 0.0028 37	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 256Q AM	H	Outer_ Full	VN	NT	- 0.0009 88	- 2.5~2. 5	1850	1915	---	PASS
n25	15	20	CP- 256Q AM	H	Outer_ Full	VH	NT	- 0.0011 7	- 2.5~2. 5	1850	1915	---	PASS

Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Result (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
n25	15	5	DFT-BPSK	L	Outer_Full	NV	-30	- 0.001542	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	-20	- 0.000686	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	-10	- 0.001905	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	0	- 0.002276	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	10	- 0.001072	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	20	- 0.000925	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	30	- 0.001495	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	40	- 0.000295	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-BPSK	L	Outer_Full	NV	50	- 0.003722	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	-30	- 0.002162	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	-20	- 0.002574	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	-10	- 0.002741	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	0	- 0.001923	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	10	- 0.001525	- 2.5~2.5	1850	1915	---	PASS

n25	15	5	DFT-QPSK	L	Outer_Full	NV	20	- 0.002296	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	30	- 0.003168	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	40	4.7E-05	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-QPSK	L	Outer_Full	NV	50	- 0.003067	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	-30	- 0.000707	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	-20	- 0.002155	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	-10	- 0.000801	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	0	- 0.003509	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	10	- 0.003208	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	20	- 0.000767	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	30	- 0.000883	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	40	- 0.00175	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-16QAM	L	Outer_Full	NV	50	- 0.002967	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	-30	- 0.001812	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	-20	- 0.0020	- 2.5~2.5	1850	1915	---	PASS

								84	5				
n25	15	5	DFT-64QAM	L	Outer_Full	NV	-10	- 0.002178	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	0	- 0.002079	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	10	- 0.002408	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	20	- 0.002645	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	30	- 0.002487	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	40	- 0.001138	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-64QAM	L	Outer_Full	NV	50	- 0.001935	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	-30	- 0.002954	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	-20	- 0.002798	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	-10	- 0.001711	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	0	- 0.001906	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	10	- 0.001342	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	20	- 0.002673	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-256QAM	L	Outer_Full	NV	30	- 0.002444	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	DFT-	L	Outer_Full	NV	40	-	-	1850	1915	---	PASS

			256QAM		ull			0.001187	2.5~2.5				S
n25	15	5	DFT-256QAM	L	Outer_Full	NV	50	-0.000864	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	-30	-0.001657	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	-20	-0.00206	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	-10	-0.00173	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	0	-0.003977	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	10	-0.003047	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	20	-0.000318	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	30	-0.001251	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	40	-0.001329	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-QPSK	L	Outer_Full	NV	50	-0.001136	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	-30	-0.001685	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	-20	-0.002154	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	-10	-0.001944	-2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	0	-0.001384	-2.5~2.5	1850	1915	---	PASS

n25	15	5	CP-16QAM	L	Outer_Full	NV	10	- 0.004034	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	20	- 0.001888	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	30	- 0.000778	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	40	- 0.00186	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-16QAM	L	Outer_Full	NV	50	- 0.001378	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	-30	- 0.001129	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	-20	- 0.001781	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	-10	- 0.001025	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	0	- 0.00334	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	10	- 0.00213	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	20	- 0.000993	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	30	- 0.002365	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	40	- 0.002729	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-64QAM	L	Outer_Full	NV	50	- 0.002432	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QA	L	Outer_Full	NV	-30	- 0.0009	- 2.5~2.5	1850	1915	---	PASS

			M					72	5				
n25	15	5	CP-256QAM	L	Outer_Full	NV	-20	- 0.001807	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	-10	- 0.002388	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	0	- 0.002541	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	10	- 0.002975	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	20	- 0.000279	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	30	- 0.000791	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	40	- 1.4E-05	- 2.5~2.5	1850	1915	---	PASS
n25	15	5	CP-256QAM	L	Outer_Full	NV	50	- 0.003494	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	-30	- 0.004974	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	-20	- 0.005044	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	-10	- 0.004599	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	0	- 0.004993	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	10	- 0.005123	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-BPSK	H	Outer_Full	NV	20	- 0.004817	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-	H	Outer_F	NV	30	-	-	1850	1915	---	PASS

			BPSK		ull			0.0038 03	2.5~2. 5				S
n25	15	20	DFT- BPSK	H	Outer_F ull	NV	40	- 0.0045 9	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- BPSK	H	Outer_F ull	NV	50	- 0.0049 4	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	-30	- 0.0052 94	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	-20	- 0.0067 05	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	-10	- 0.0050 43	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	0	- 0.0057 7	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	10	- 0.0057 19	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	20	- 0.0052 47	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	30	- 0.0054 72	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	40	- 0.0047 68	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- QPSK	H	Outer_F ull	NV	50	- 0.0061 33	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- 16QAM	H	Outer_F ull	NV	-30	- 0.0060 81	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- 16QAM	H	Outer_F ull	NV	-20	- 0.0046 93	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	DFT- 16QAM	H	Outer_F ull	NV	-10	- 0.0051 44	- 2.5~2. 5	1850	1915	---	PAS S

n25	15	20	DFT-16QAM	H	Outer_Full	NV	0	- 0.005045	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-16QAM	H	Outer_Full	NV	10	- 0.00591	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-16QAM	H	Outer_Full	NV	20	- 0.001442	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-16QAM	H	Outer_Full	NV	30	- 0.004456	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-16QAM	H	Outer_Full	NV	40	- 0.00483	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-16QAM	H	Outer_Full	NV	50	- 0.005614	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	-30	- 0.00574	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	-20	- 0.005965	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	-10	- 0.004724	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	0	- 0.003155	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	10	- 0.003722	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	20	- 0.005529	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	30	- 0.005405	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	40	- 0.005276	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-64QAM	H	Outer_Full	NV	50	- 0.0039	- 2.5~2.5	1850	1915	---	PASS

								08	5				
n25	15	20	DFT-256QAM	H	Outer_Full	NV	-30	- 0.000337	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	-20	- 0.002884	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	-10	- 0.000371	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	0	- 0.001433	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	10	- 0.001834	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	20	- 0.001112	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	30	- 0.001432	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	40	- 0.002581	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	DFT-256QAM	H	Outer_Full	NV	50	- 5.6E-05	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-QPSK	H	Outer_Full	NV	-30	- 0.000196	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-QPSK	H	Outer_Full	NV	-20	- 0.001388	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-QPSK	H	Outer_Full	NV	-10	- 0.001328	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-QPSK	H	Outer_Full	NV	0	- 0.001033	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-QPSK	H	Outer_Full	NV	10	- 0.002169	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-	H	Outer_F	NV	20	-	-	1850	1915	---	PAS

			QPSK		ull			0.0013 42	2.5~2. 5				S
n25	15	20	CP- QPSK	H	Outer_F ull	NV	30	- 0.0007 33	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- QPSK	H	Outer_F ull	NV	40	- 0.0011 29	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- QPSK	H	Outer_F ull	NV	50	- 0.0020 39	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	-30	- 0.0015 35	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	-20	- 0.0018 4	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	-10	- 0.0030 49	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	0	- 0.0015 3	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	10	- 0.0020 88	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	20	- 0.0003 08	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	30	- 0.0004 19	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	40	- 0.0008 46	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 16QAM	H	Outer_F ull	NV	50	- 0.0005 44	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 64QAM	H	Outer_F ull	NV	-30	- 0.0016 13	- 2.5~2. 5	1850	1915	---	PAS S
n25	15	20	CP- 64QAM	H	Outer_F ull	NV	-20	- 0.0007 05	- 2.5~2. 5	1850	1915	---	PAS S

n25	15	20	CP-64QAM	H	Outer_Full	NV	-10	- 0.000473	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	0	- 0.000844	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	10	- 0.002992	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	20	- 0.001858	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	30	- 0.000176	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	40	- 0.002313	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-64QAM	H	Outer_Full	NV	50	- 0.001086	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	-30	- 0.000213	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	-20	- 0.00187	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	-10	- 0.001278	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	0	- 0.00023	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	10	- 0.003406	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	20	- 0.001909	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	30	- 0.003083	- 2.5~2.5	1850	1915	---	PASS
n25	15	20	CP-256QAM	H	Outer_Full	NV	40	- 0.0012	- 2.5~2.5	1850	1915	---	PASS