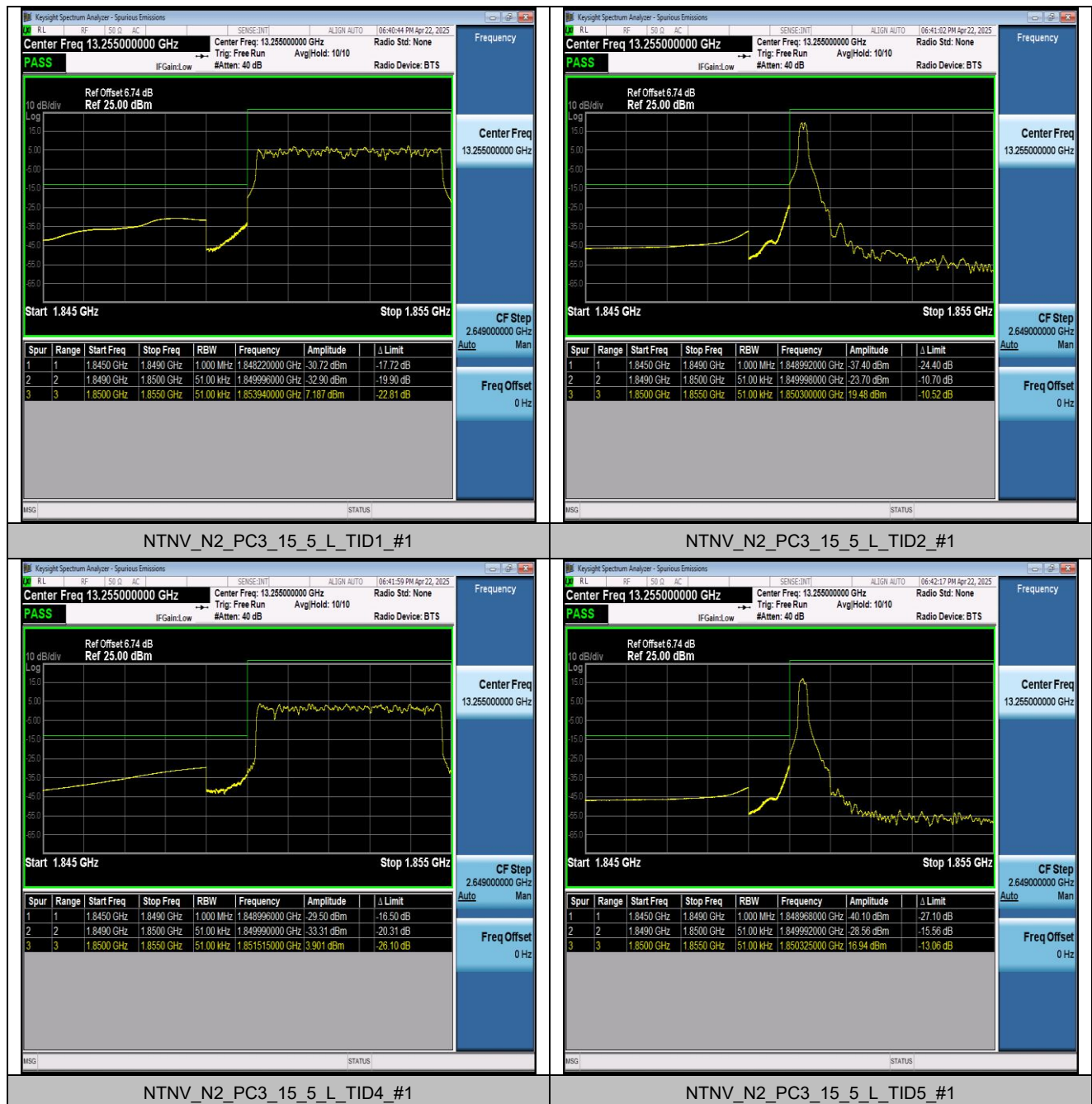
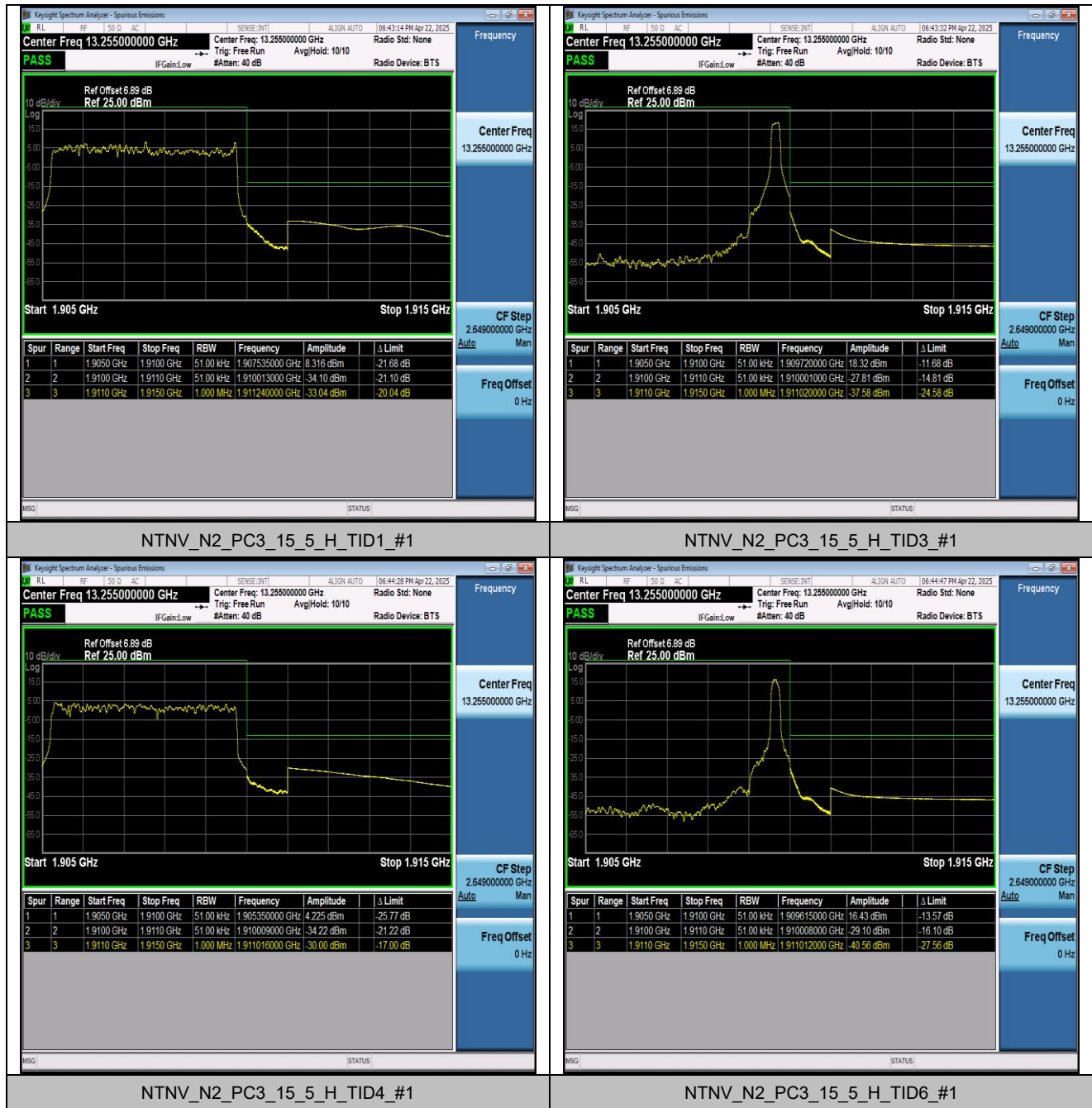
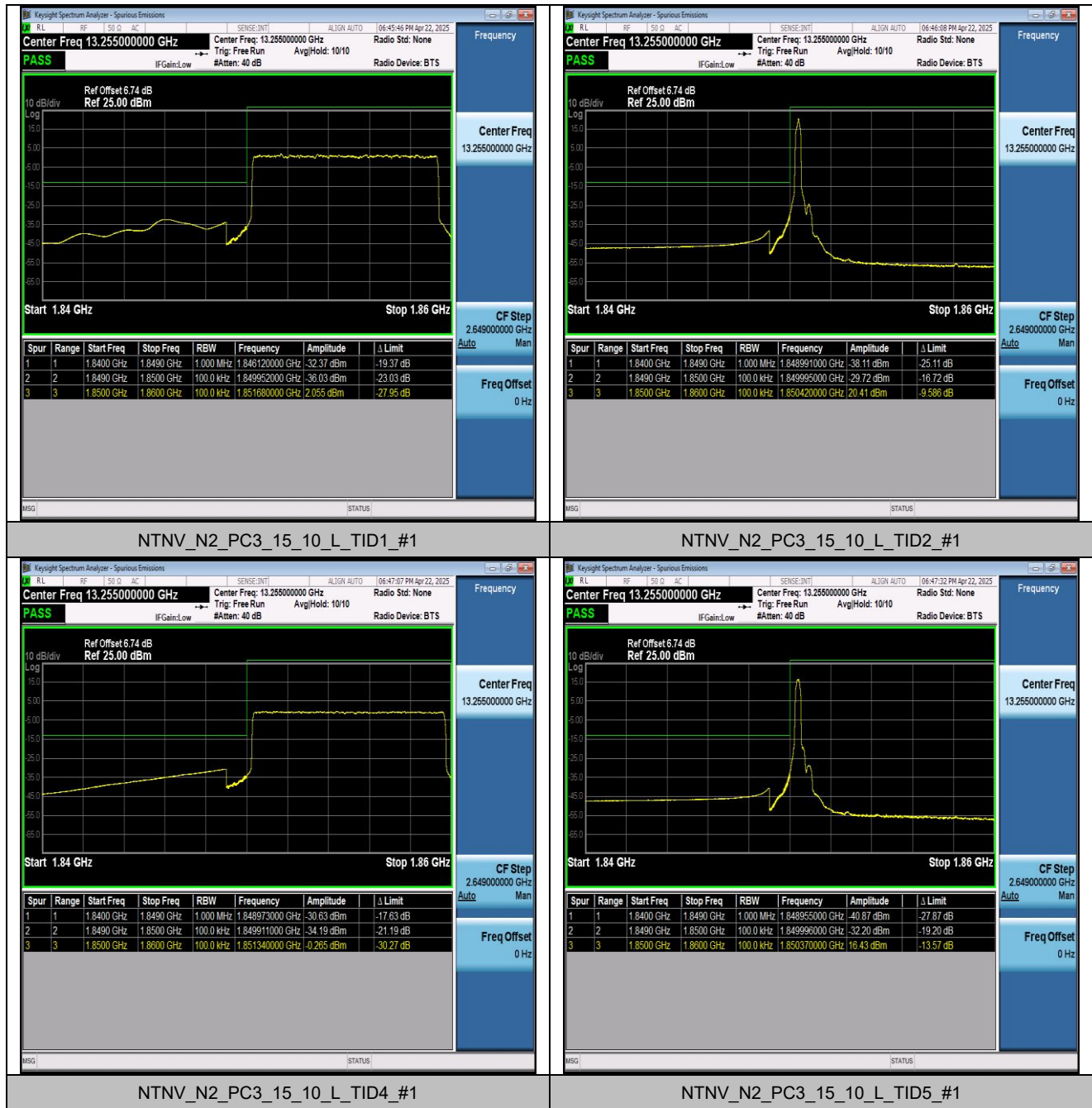


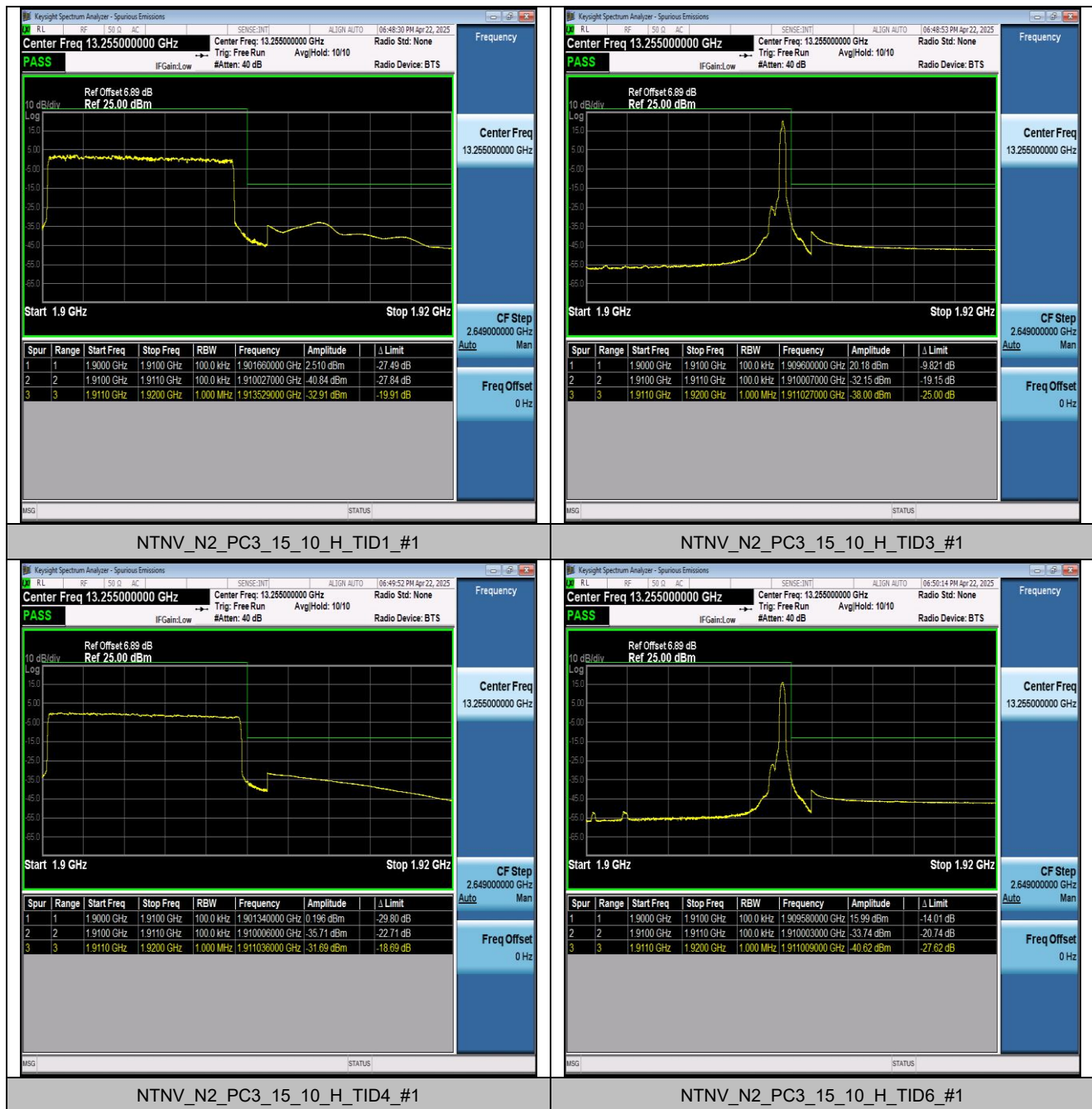
Band Edge for SA

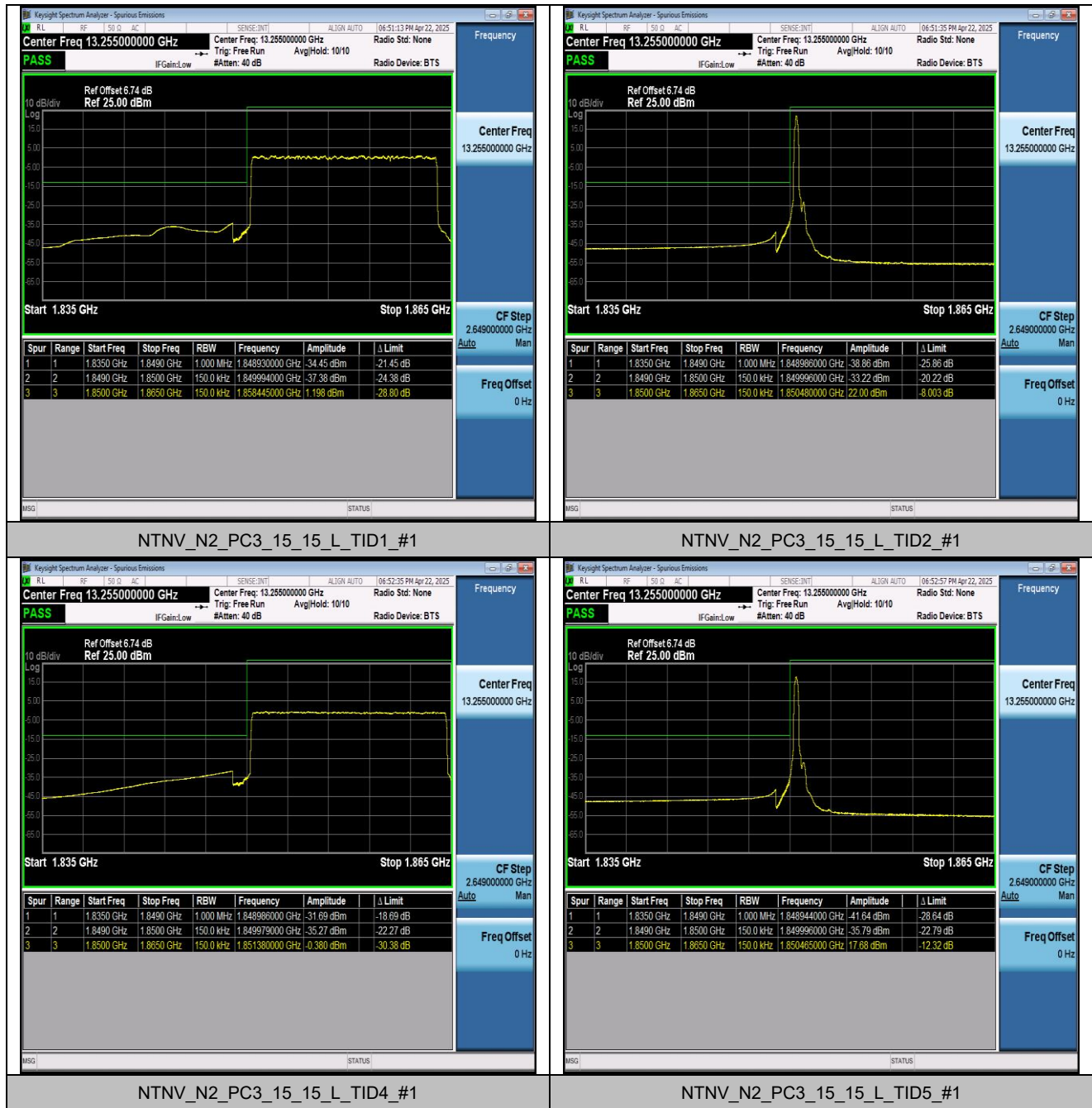
Test Graphs

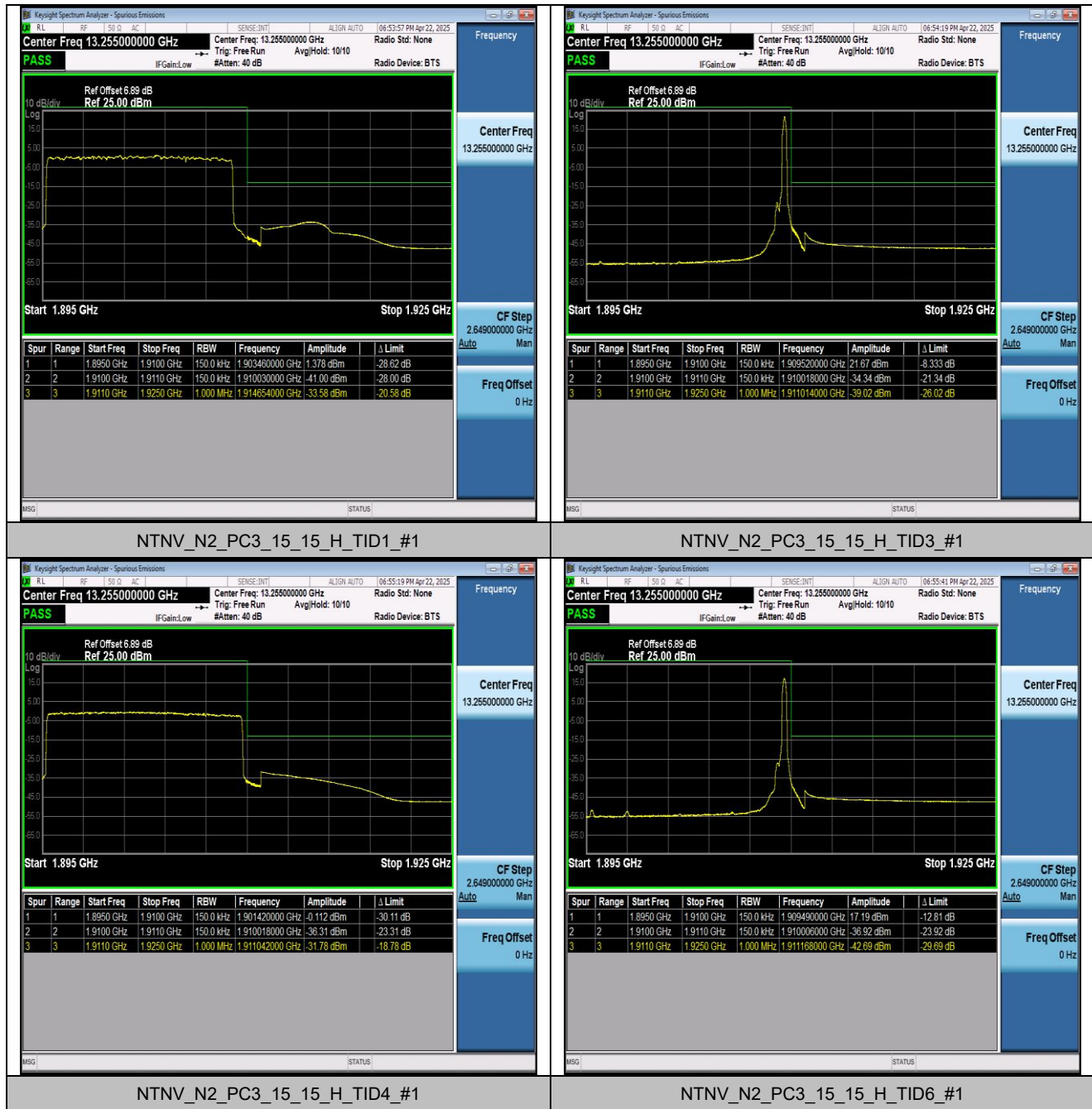


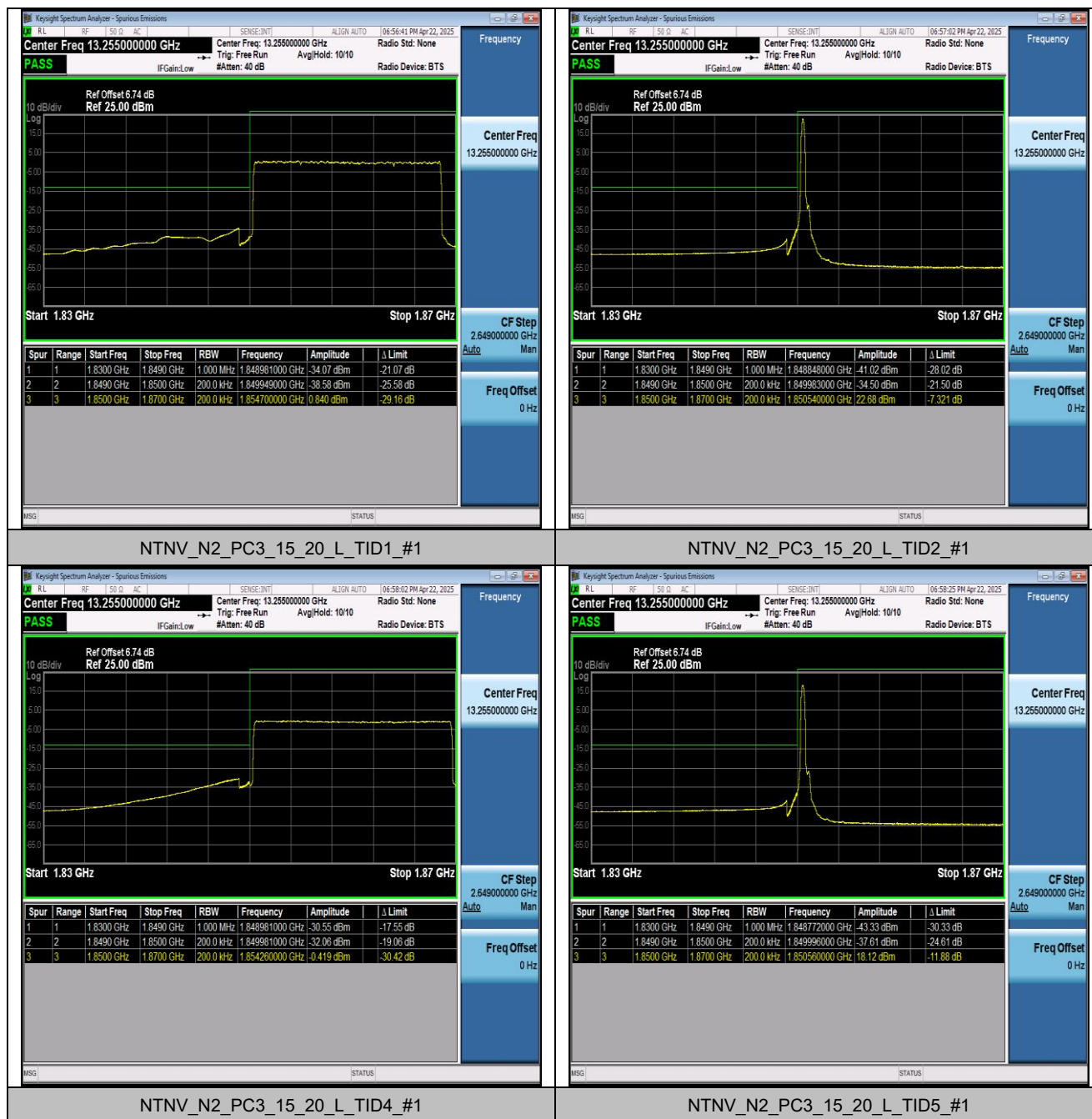


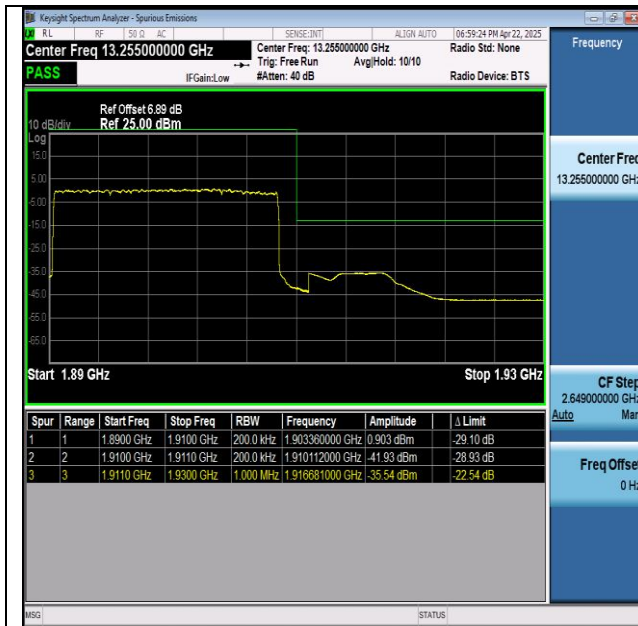




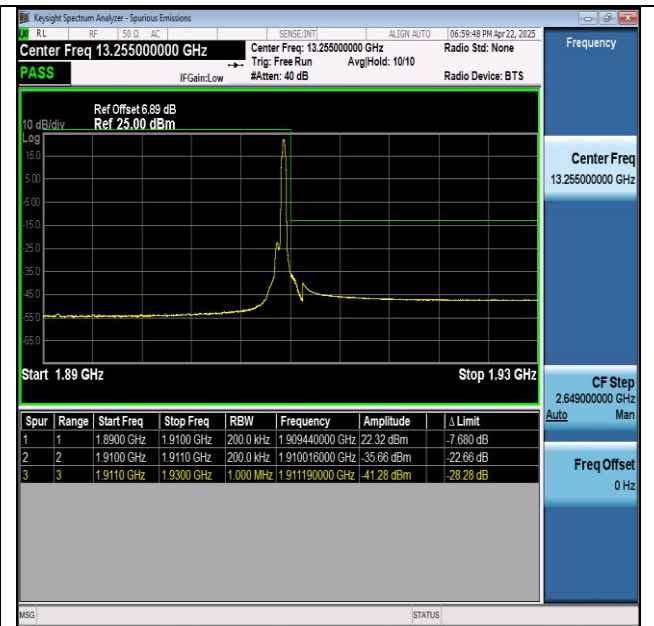








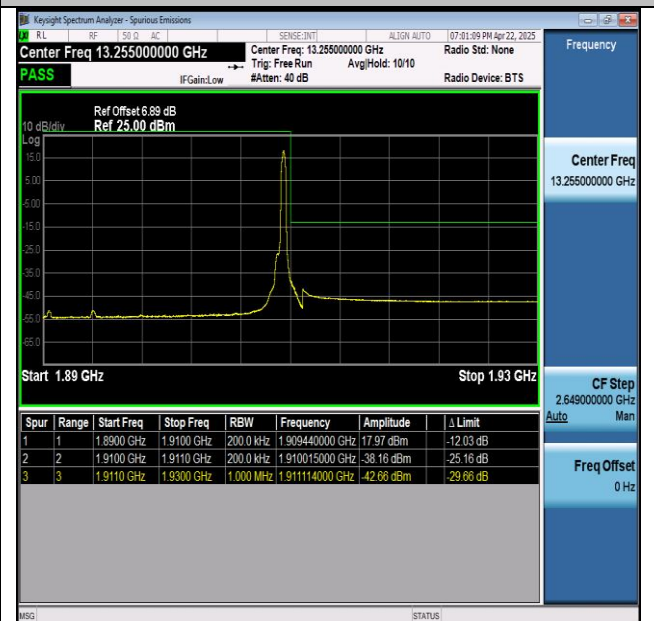
NTNV_N2_PC3_15_20_H_TID1_#1



NTNV_N2_PC3_15_20_H_TID3_#1



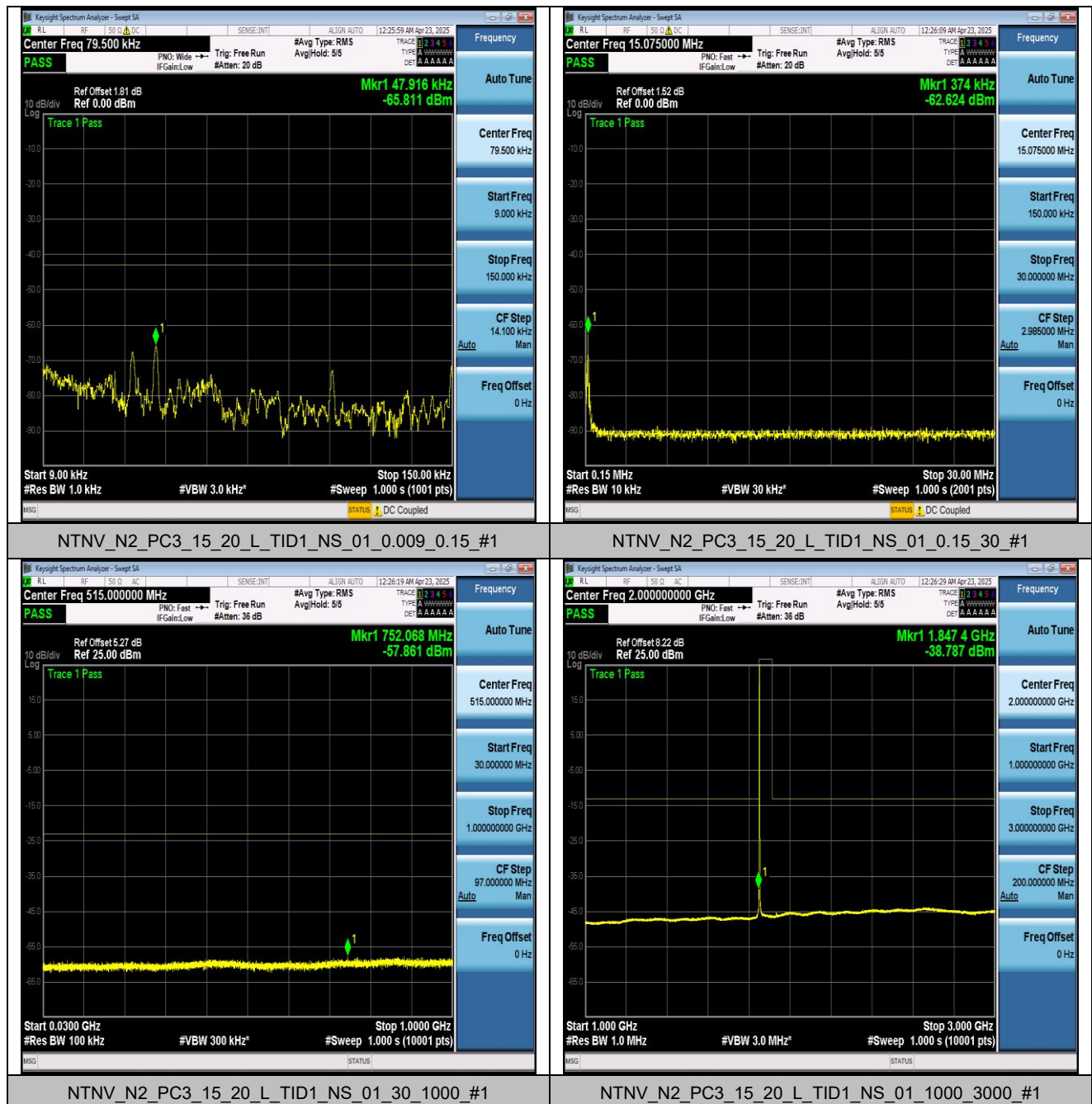
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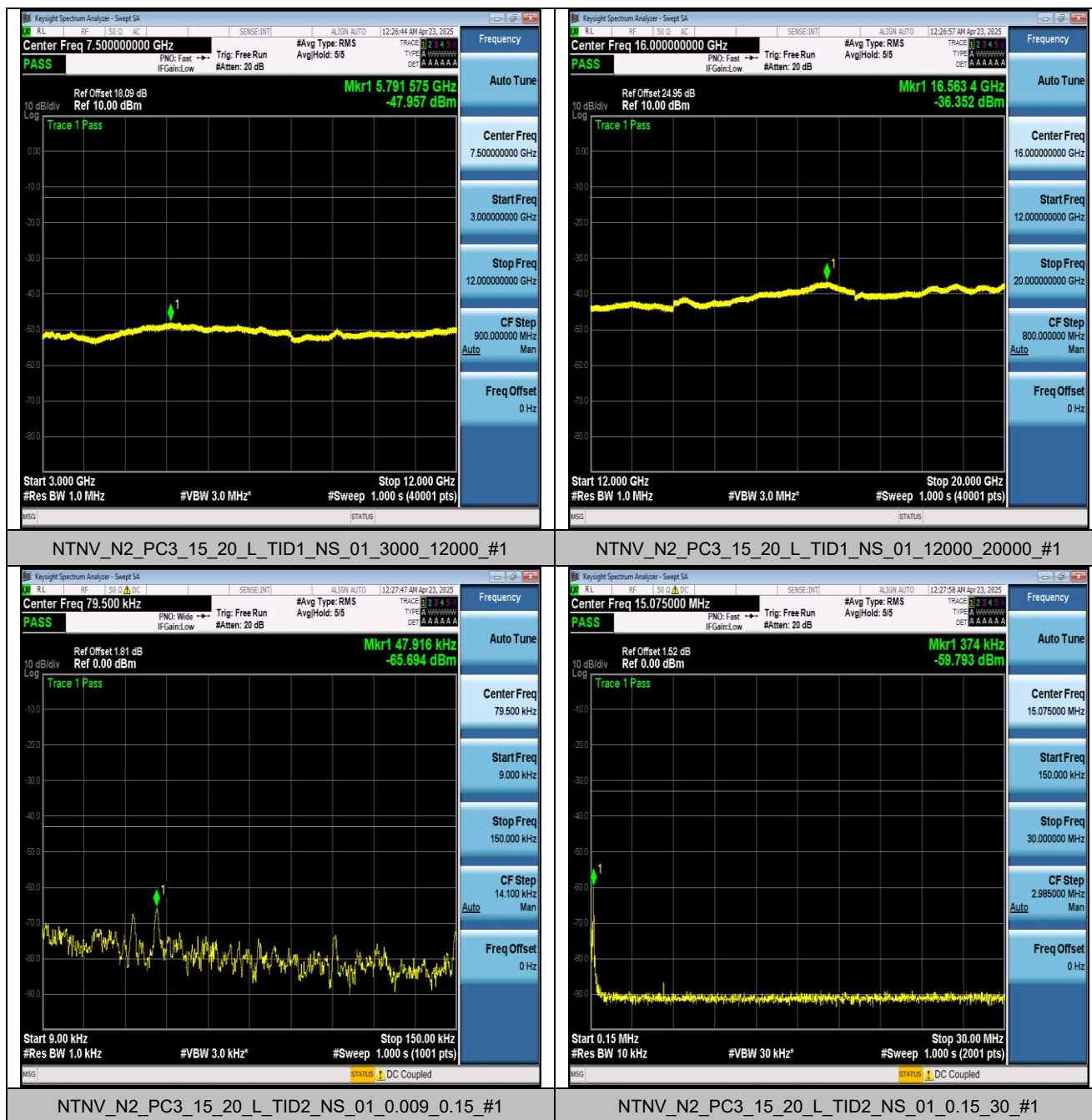


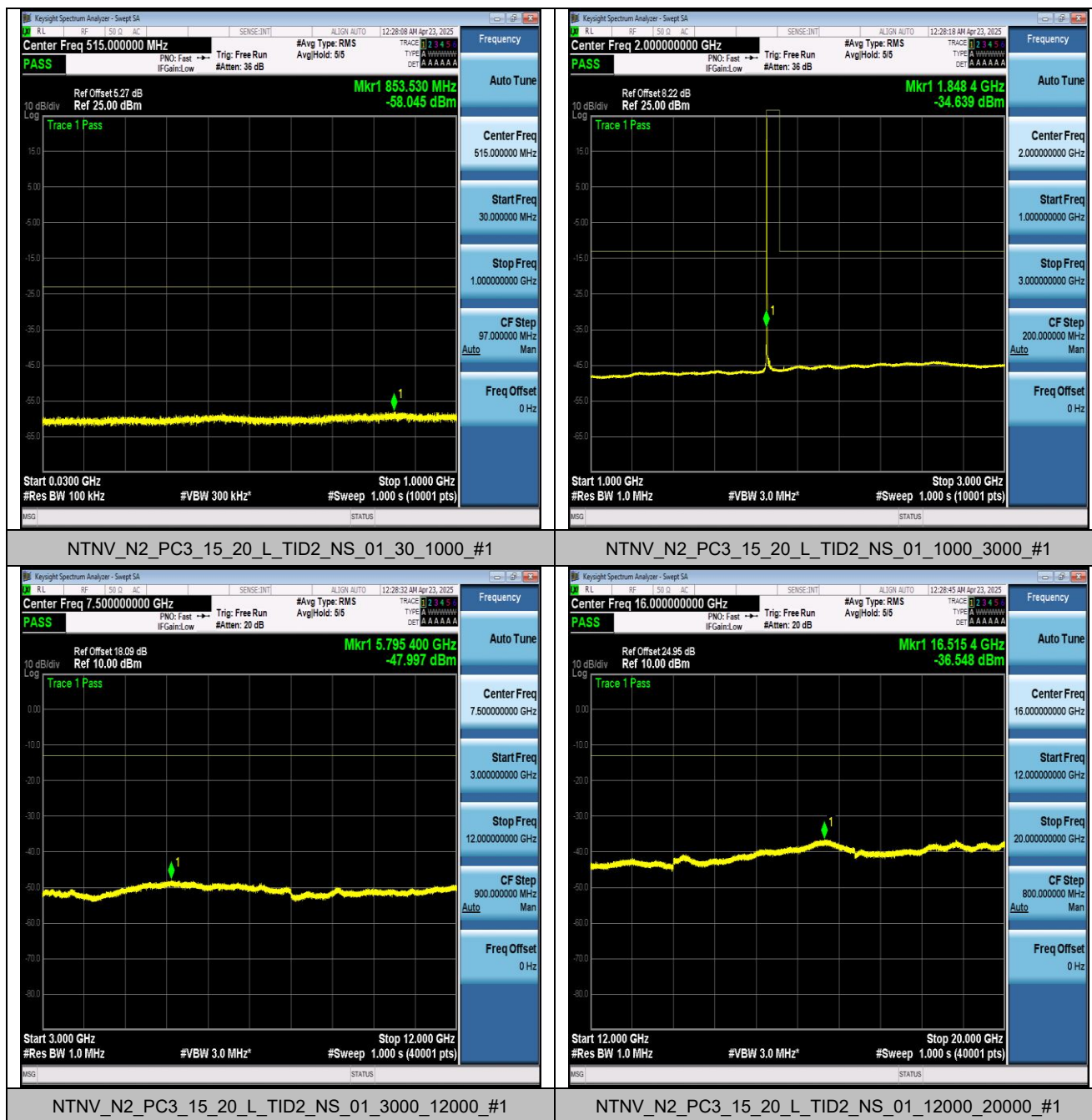
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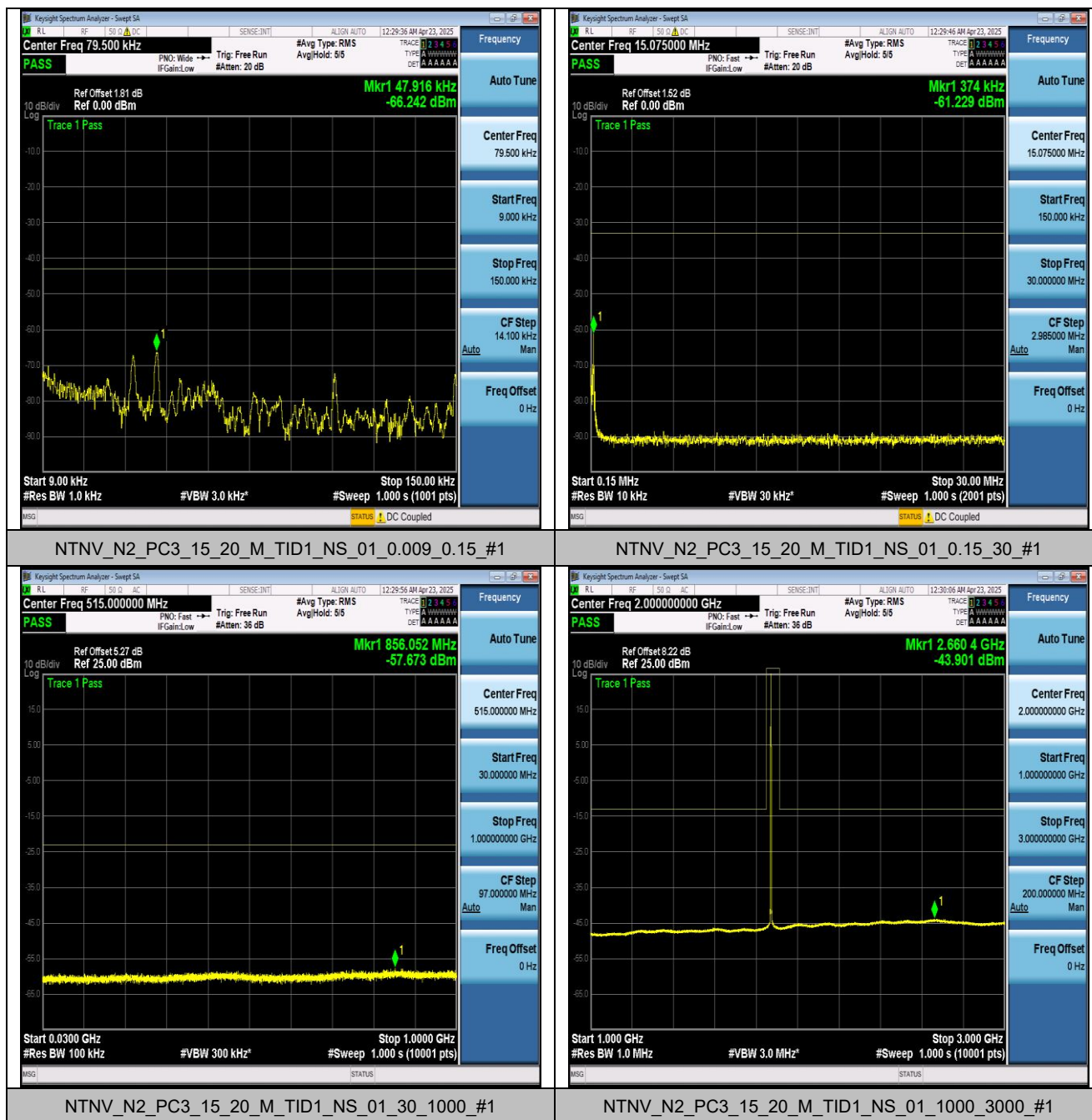
Conducted Spurious Emission for SA

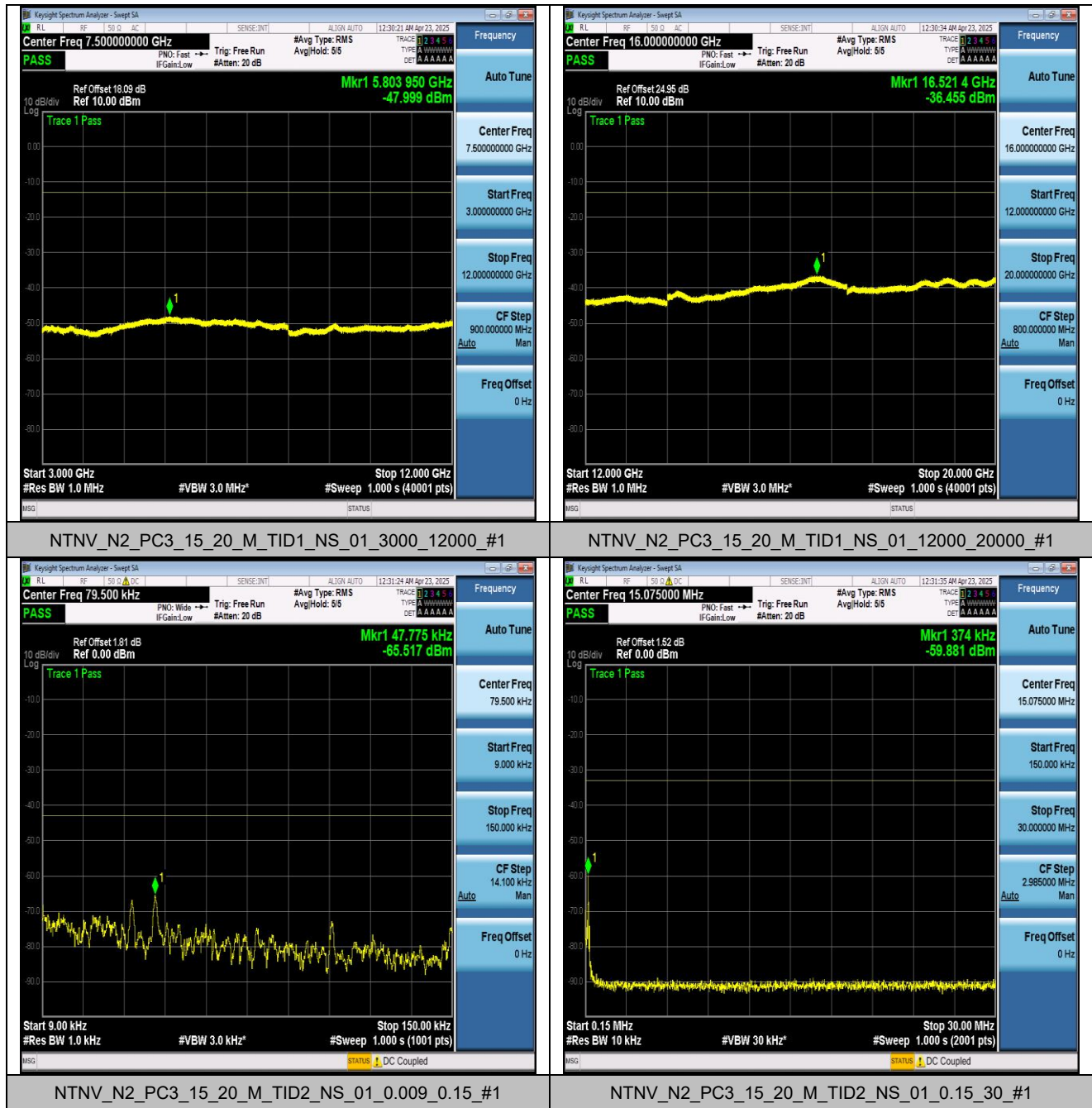
Test Graphs

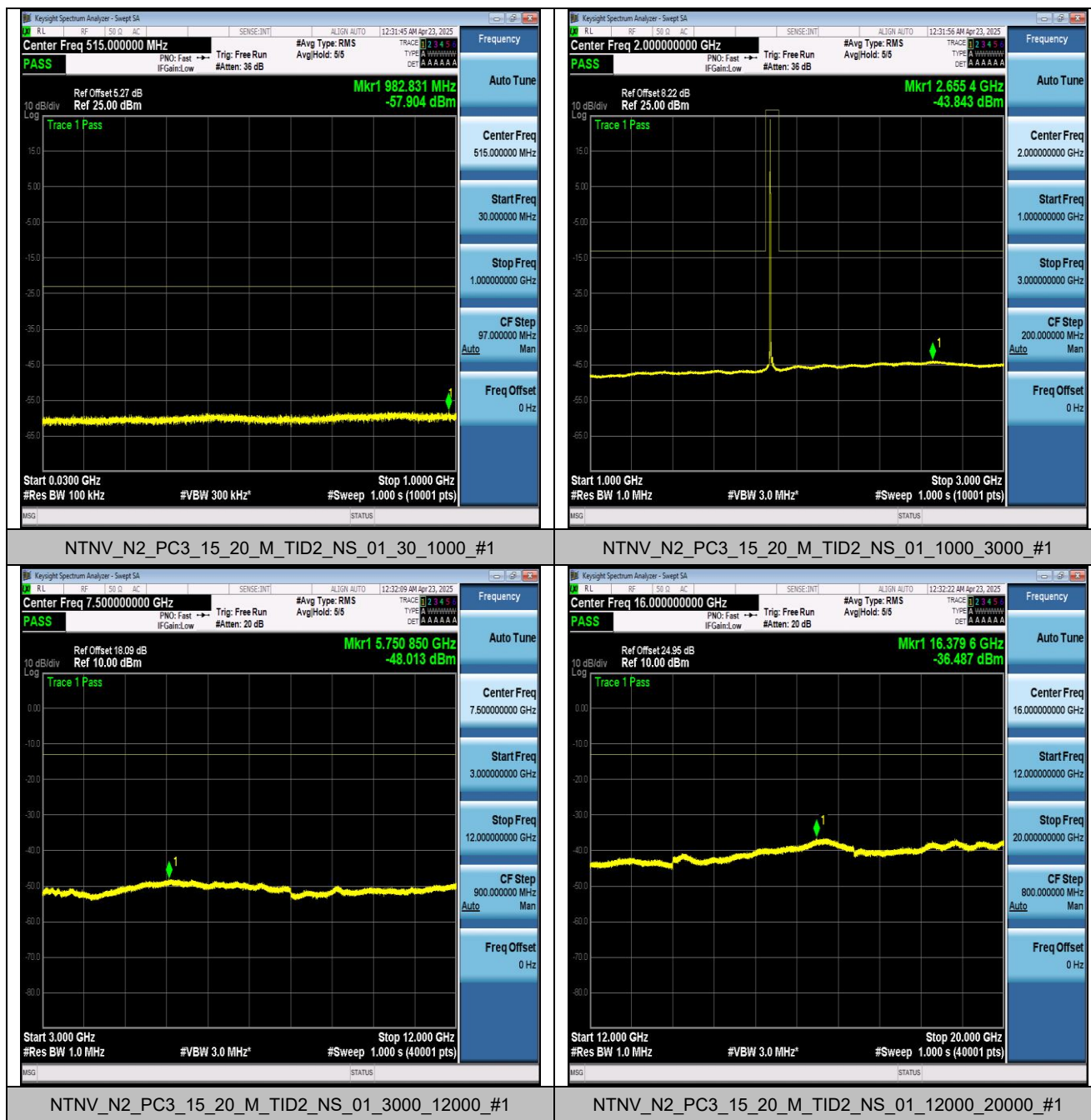


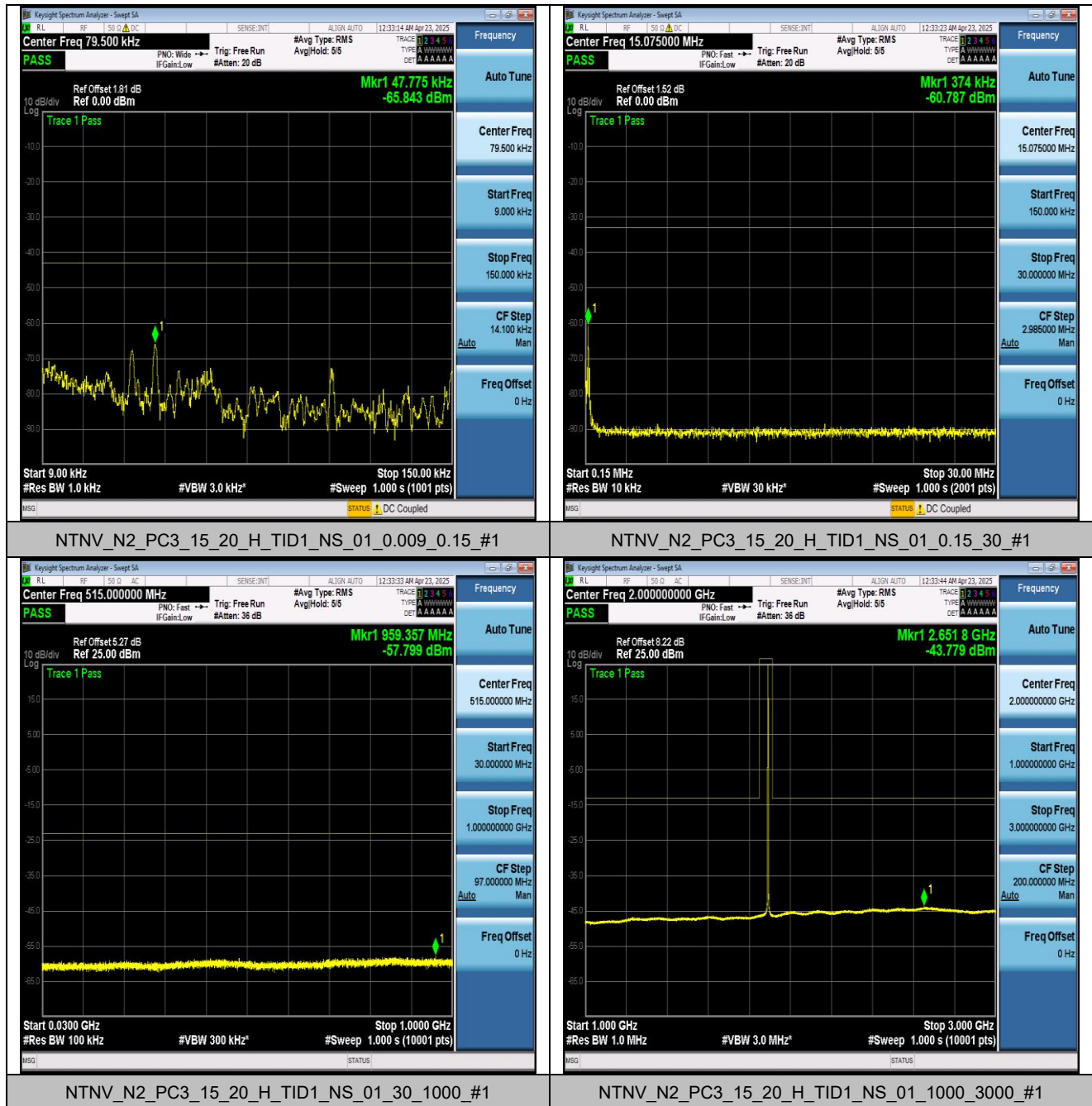


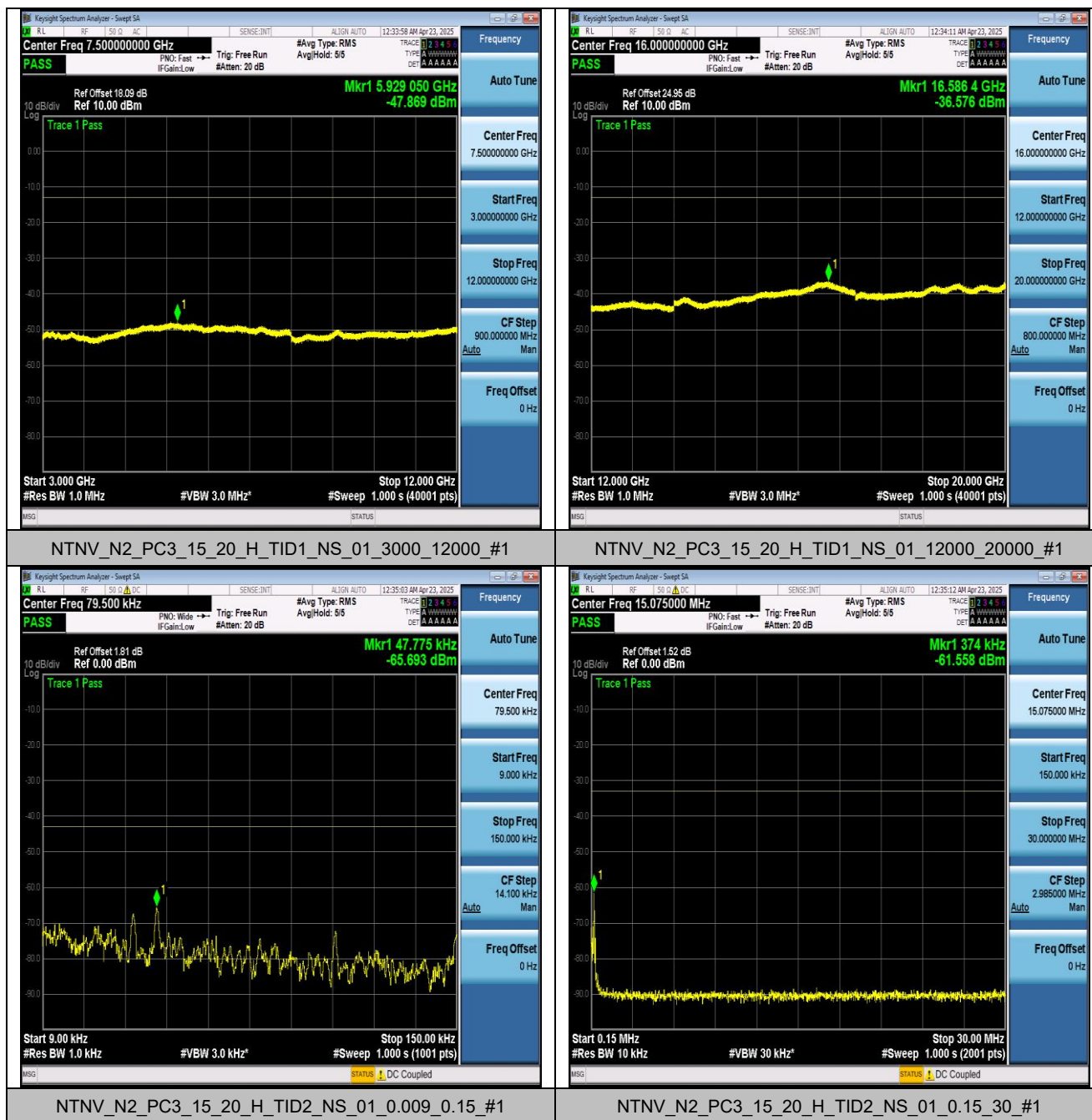


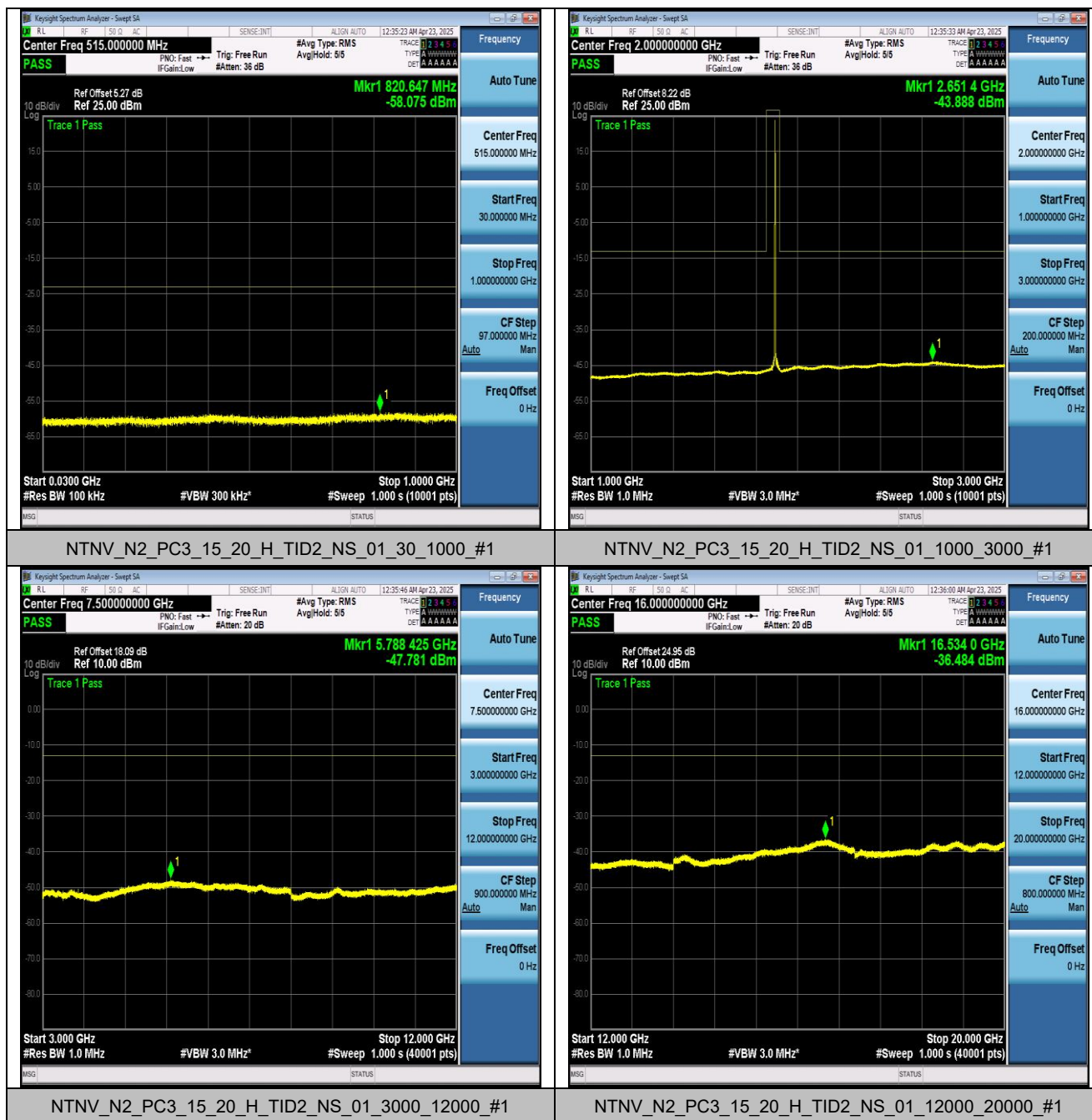












Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	1.37	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.90	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.21	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	0.68	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	1.41	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	1.91	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	0.657000	0.000349	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	0.612000	0.000326	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	2.041000	0.001086	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-0.178000	-0.000095	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	0.742000	0.000395	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-0.286000	-0.000152	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	0.553000	0.000294	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	0.944000	0.000502	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-0.459000	-0.000244	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	2.734000	0.001454	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.154000	-0.000082	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	1.801000	0.000958	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	3.080000	0.001638	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	3.673000	0.001954	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	2.007000	0.001068	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	3.867000	0.002057	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	0.506000	0.000269	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	2.416000	0.001285	PASS

~The End~