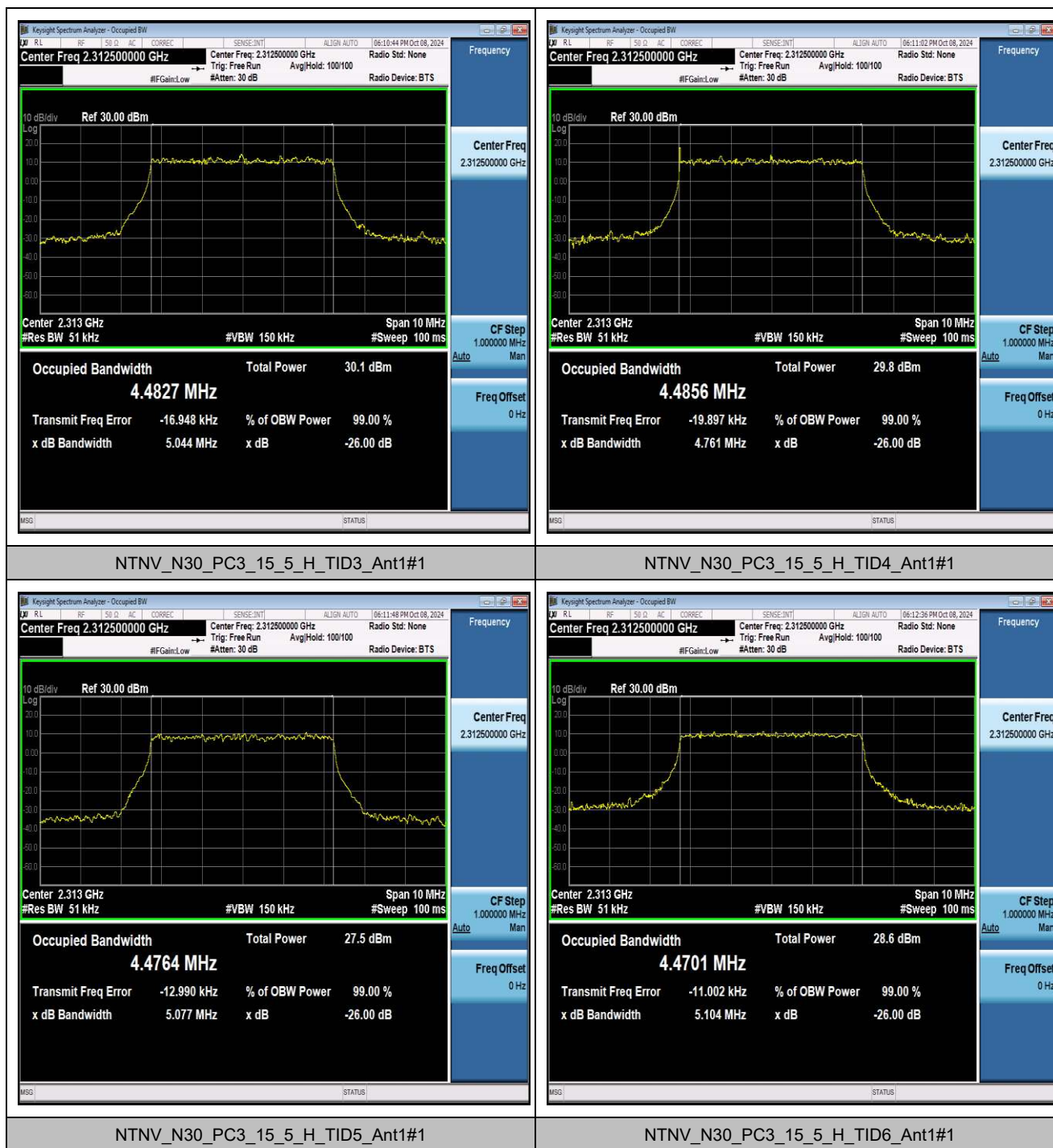
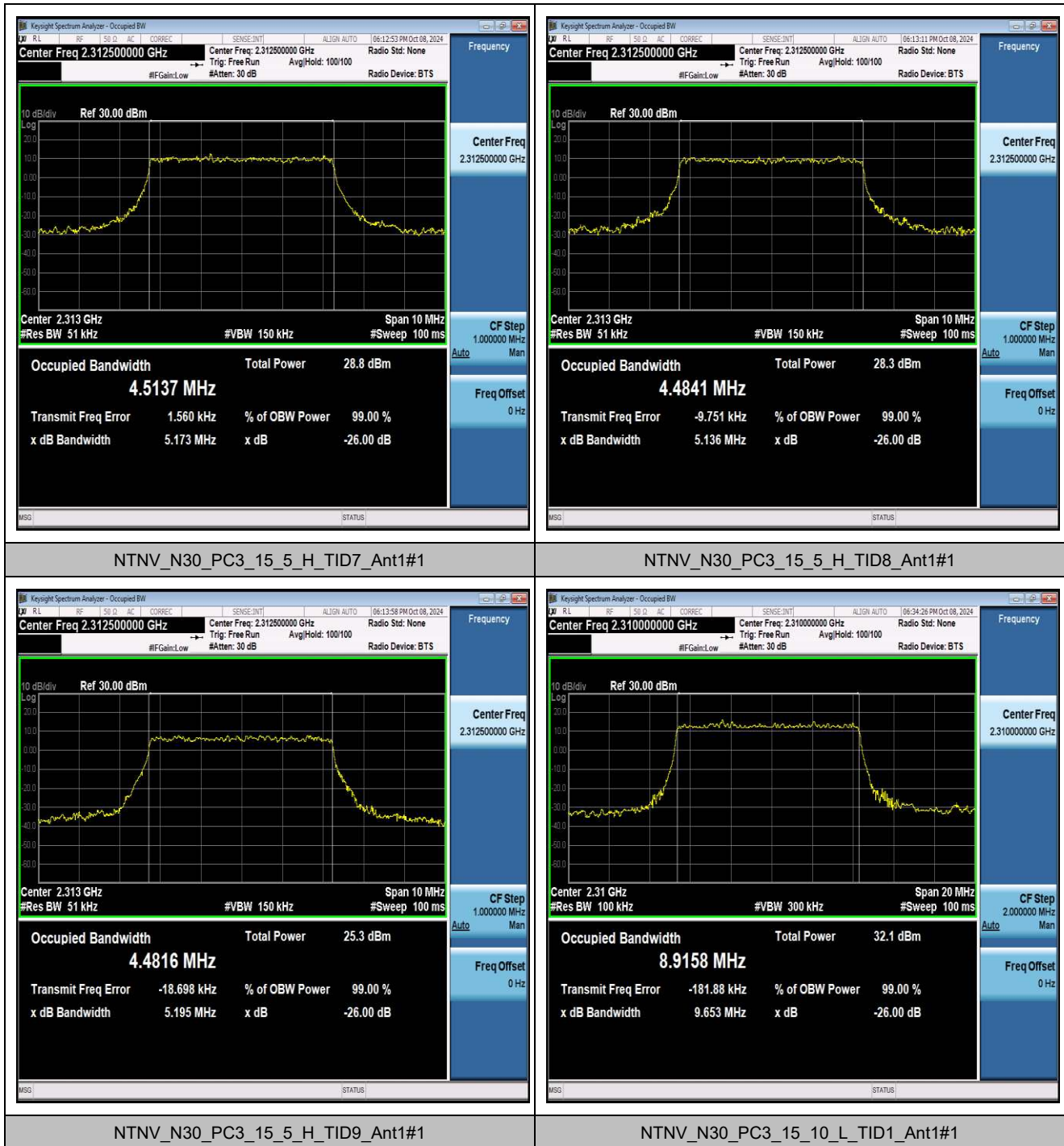
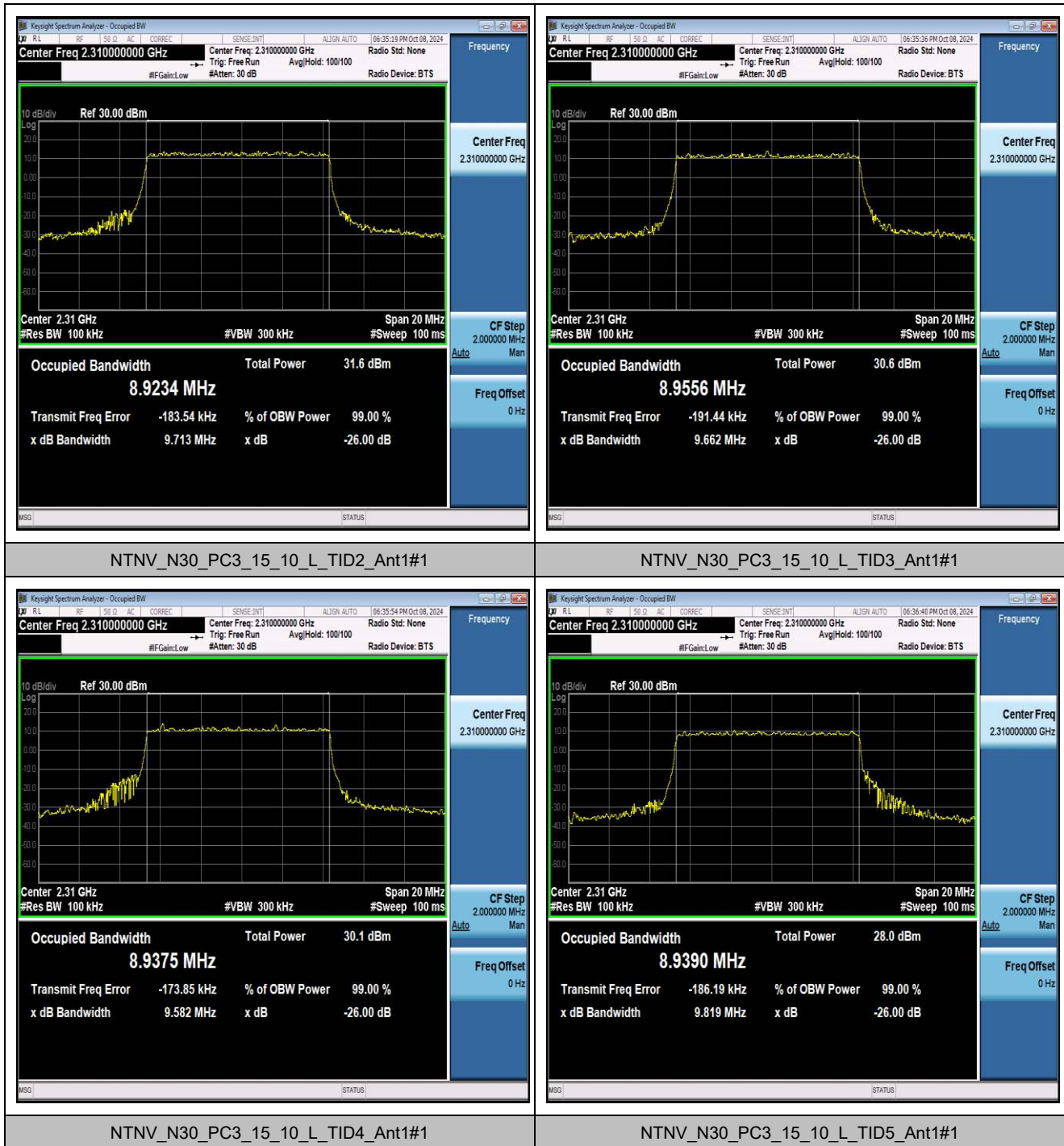
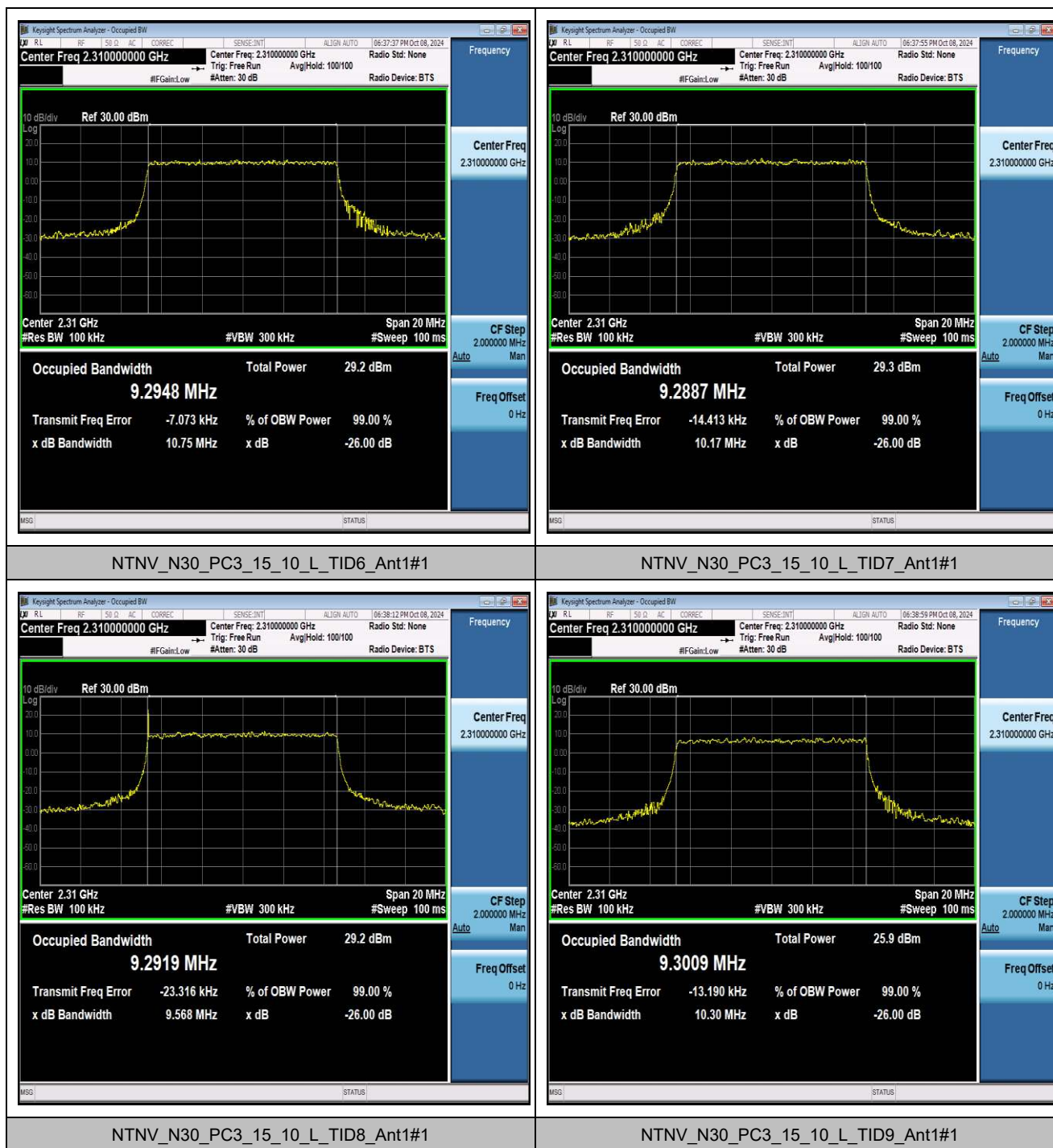
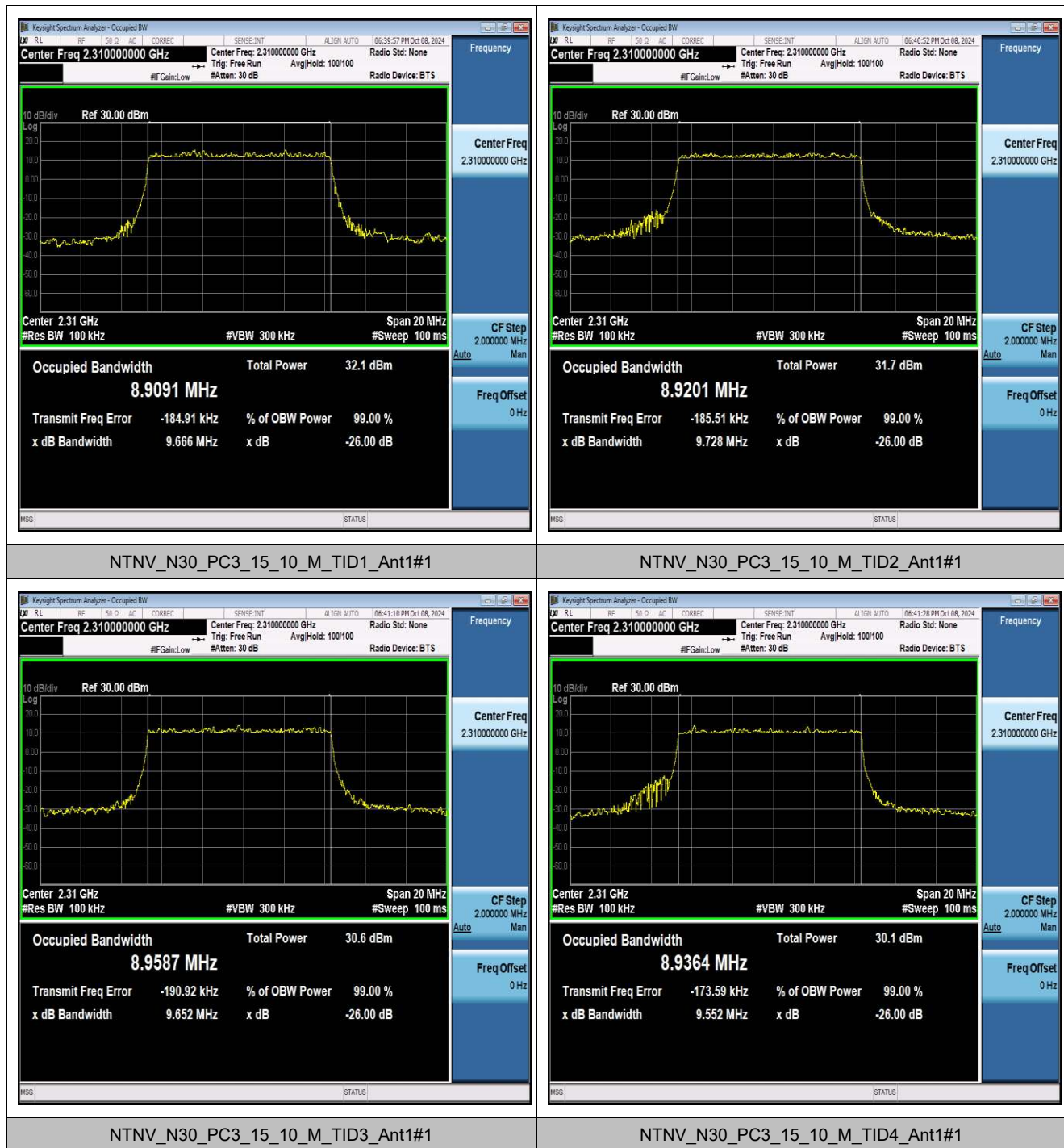


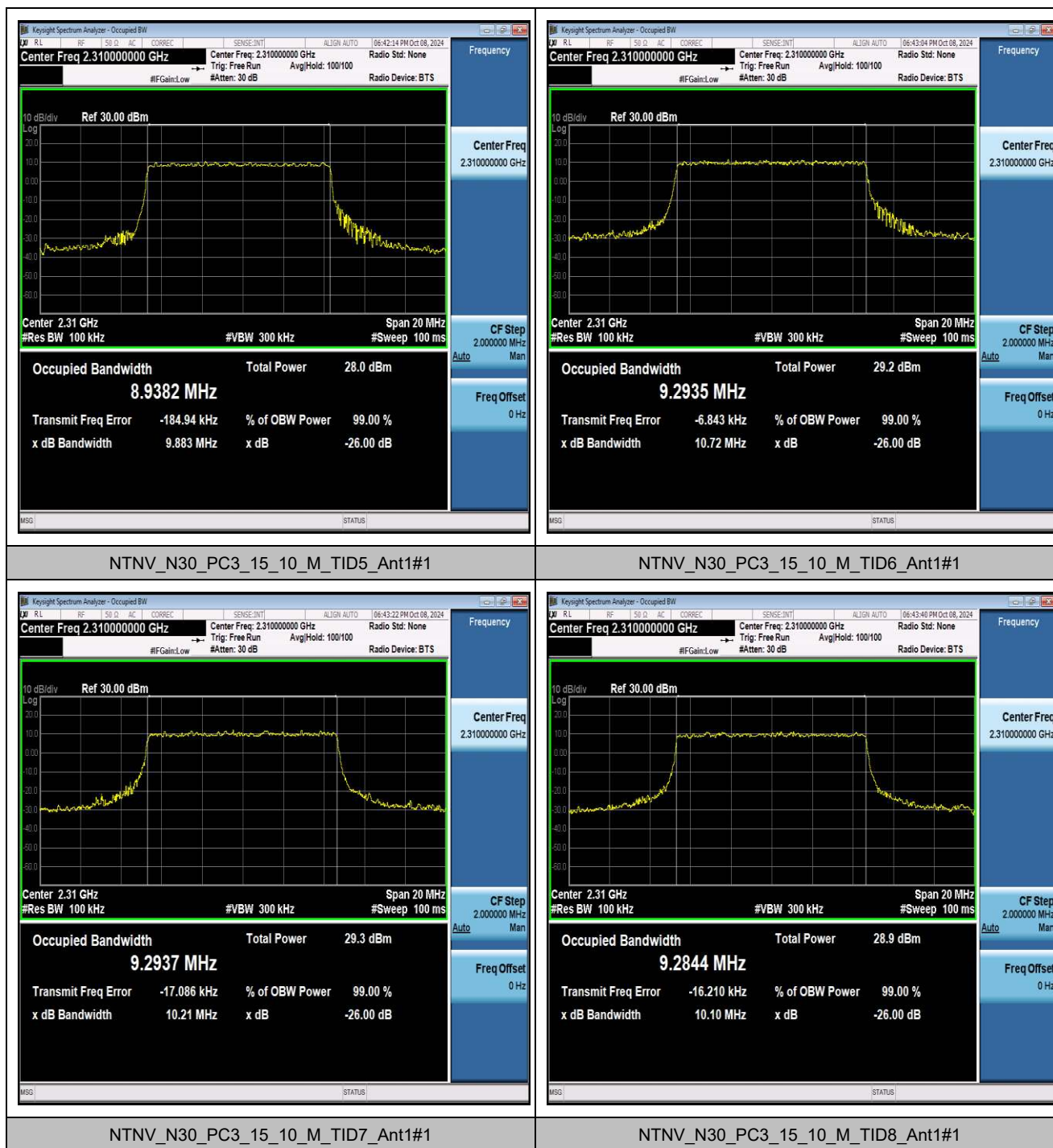


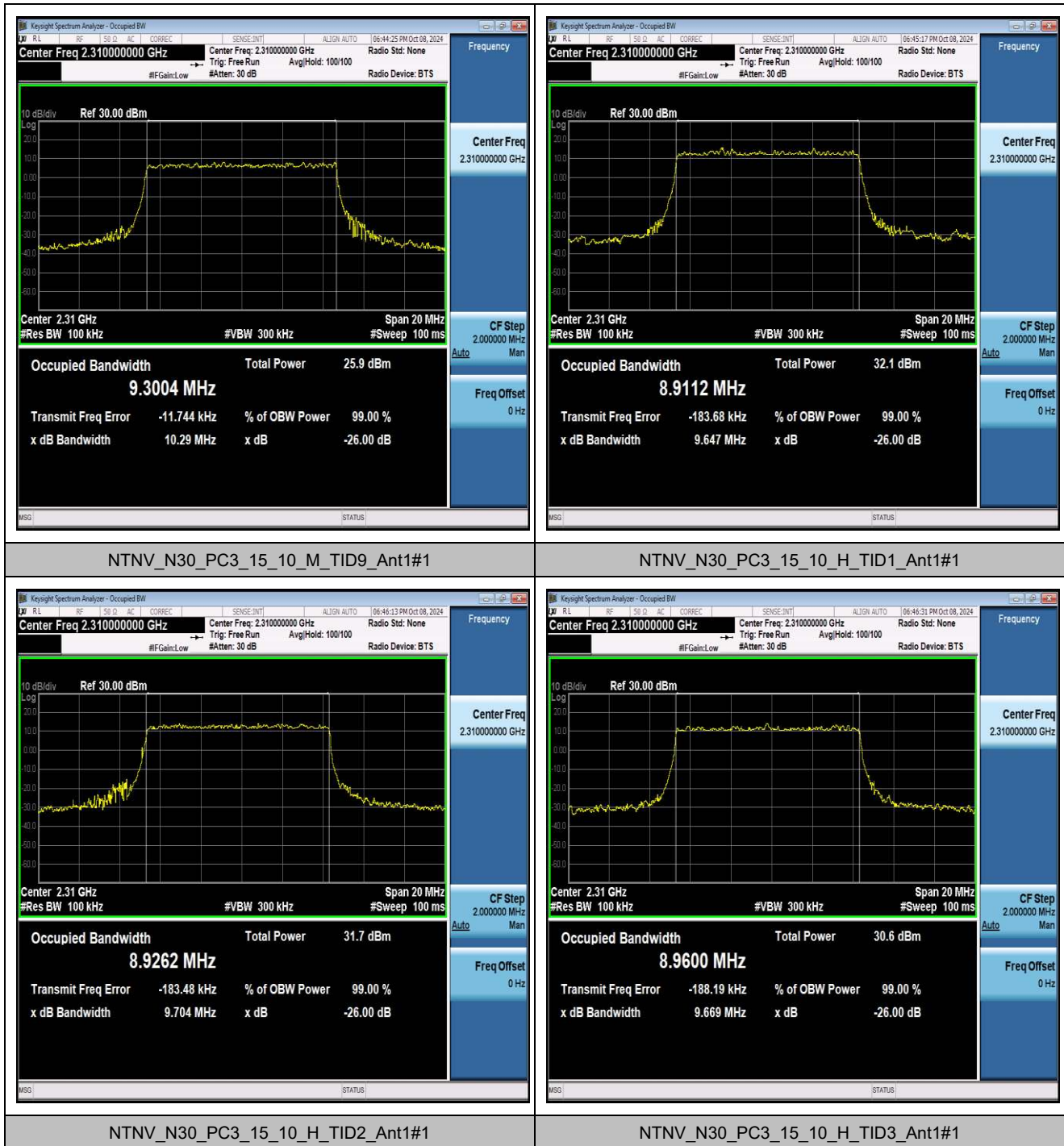


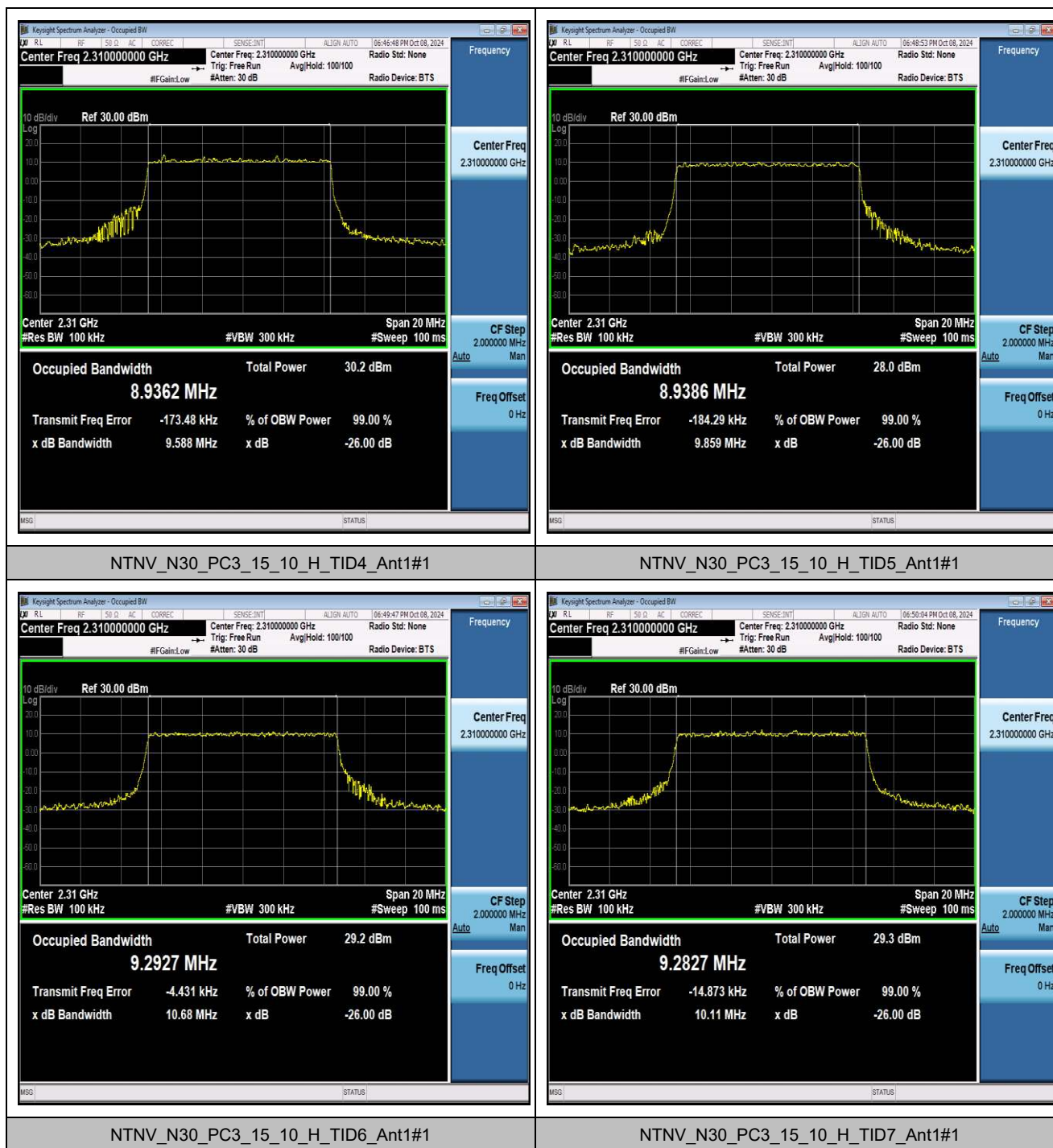


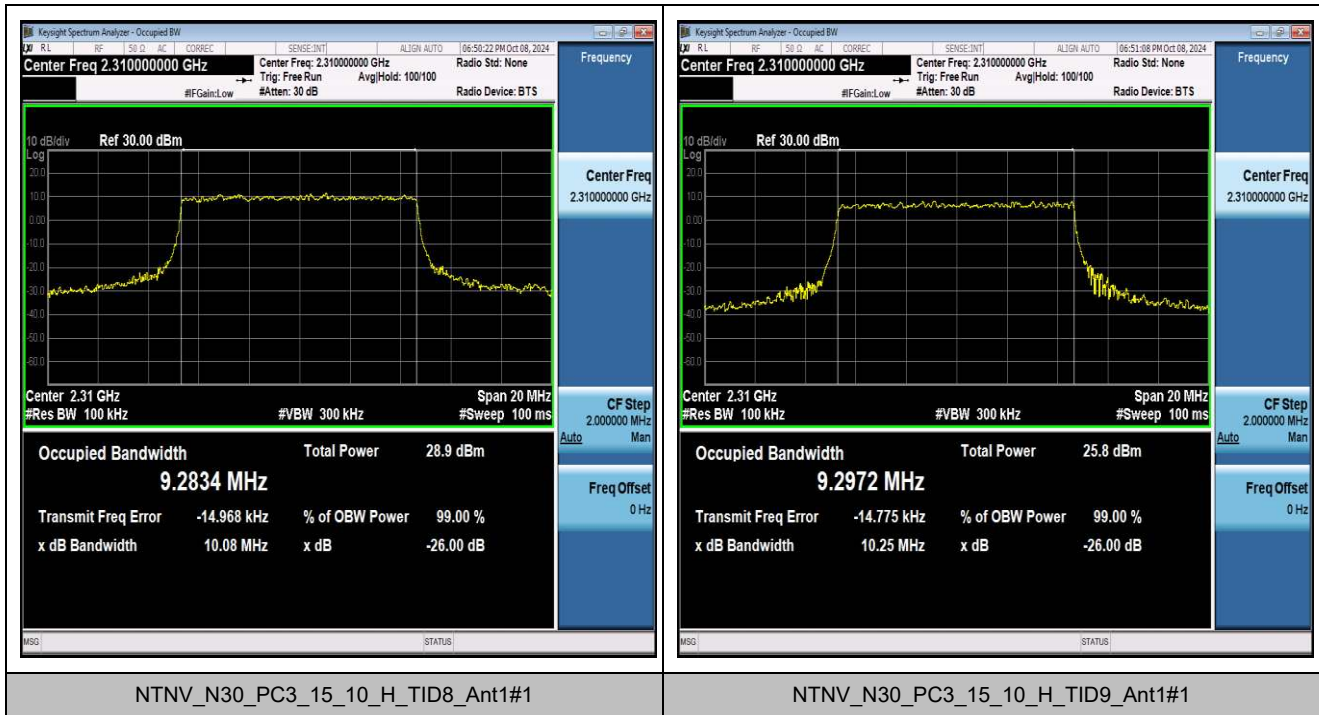






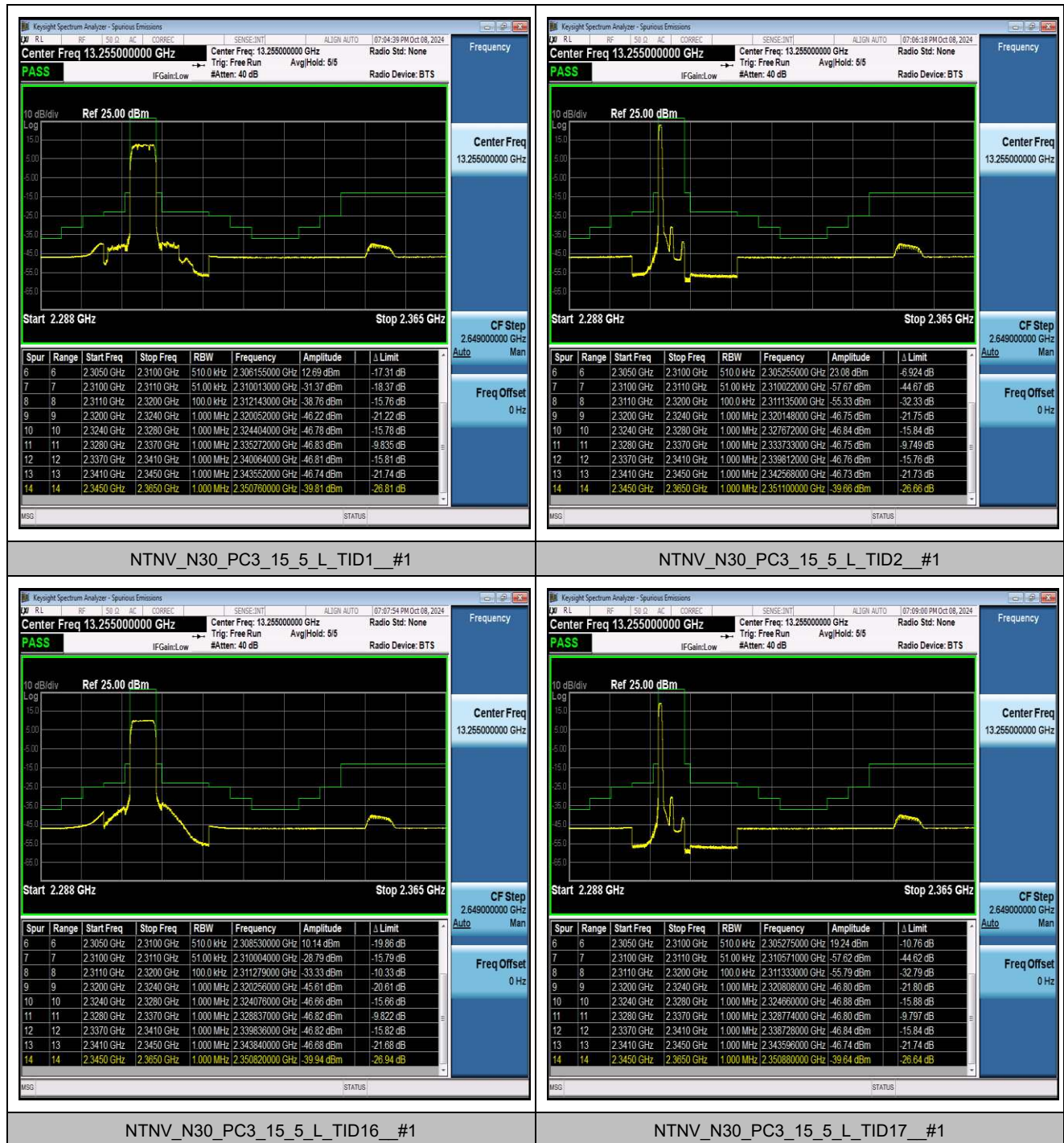


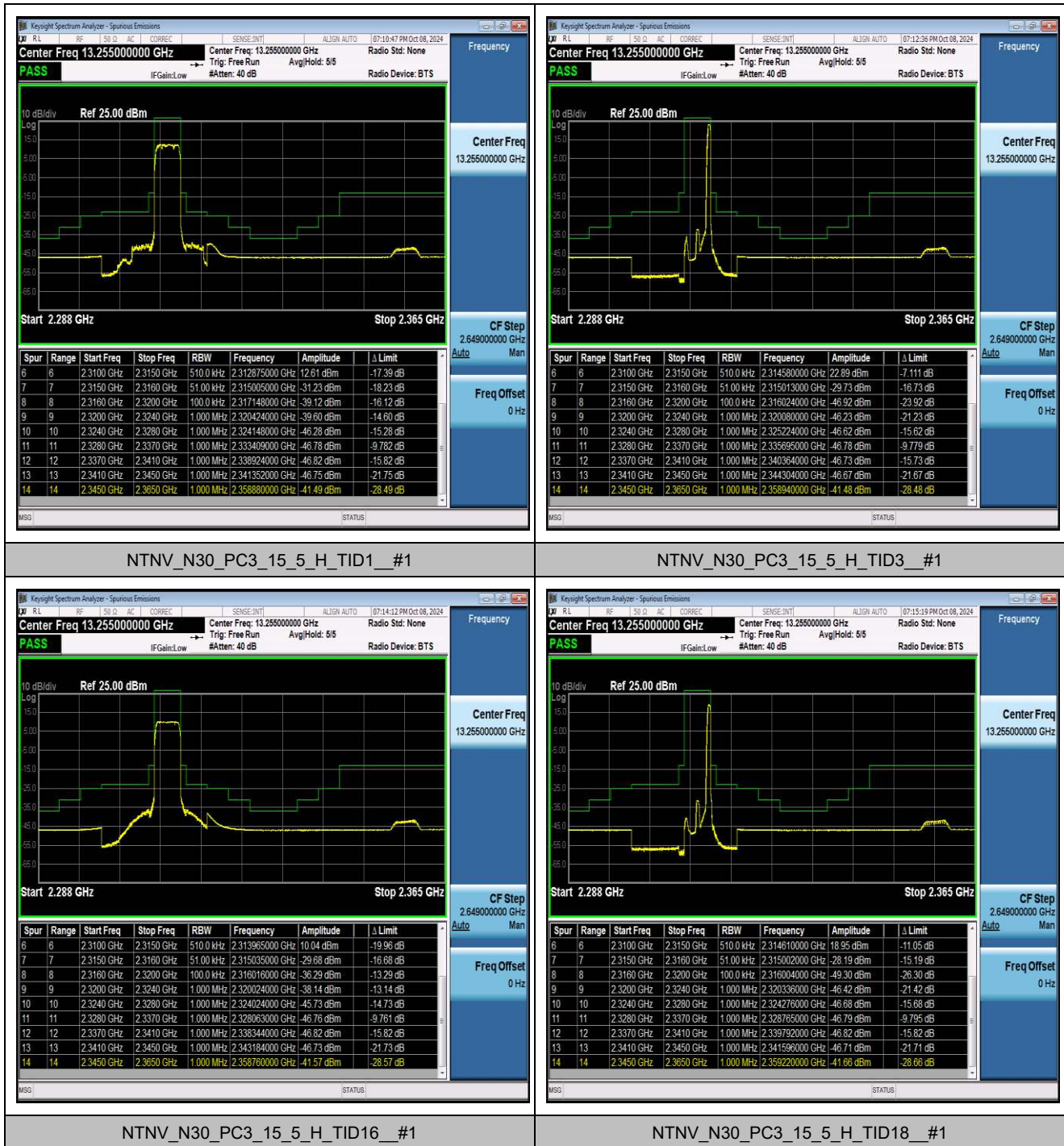


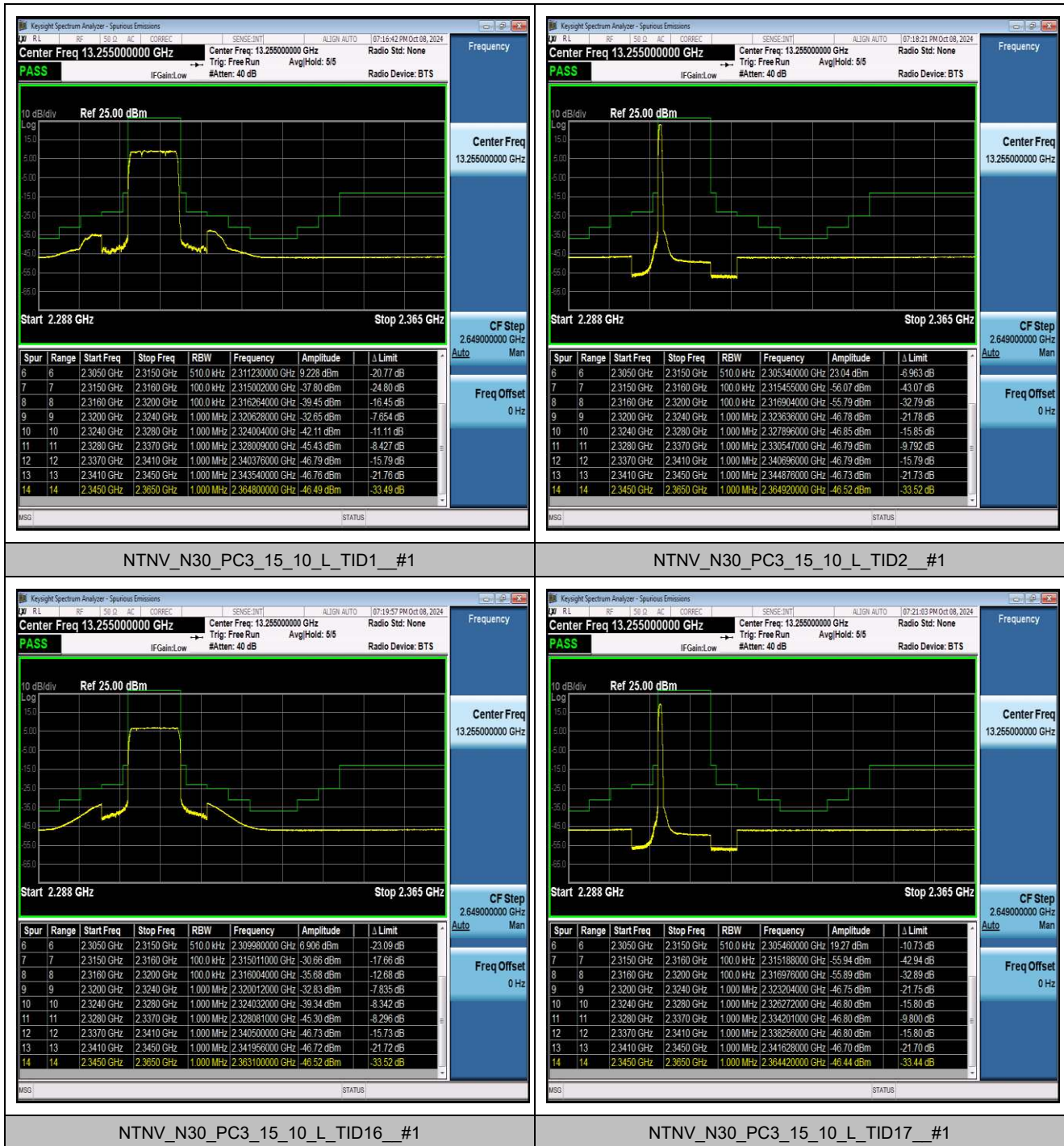


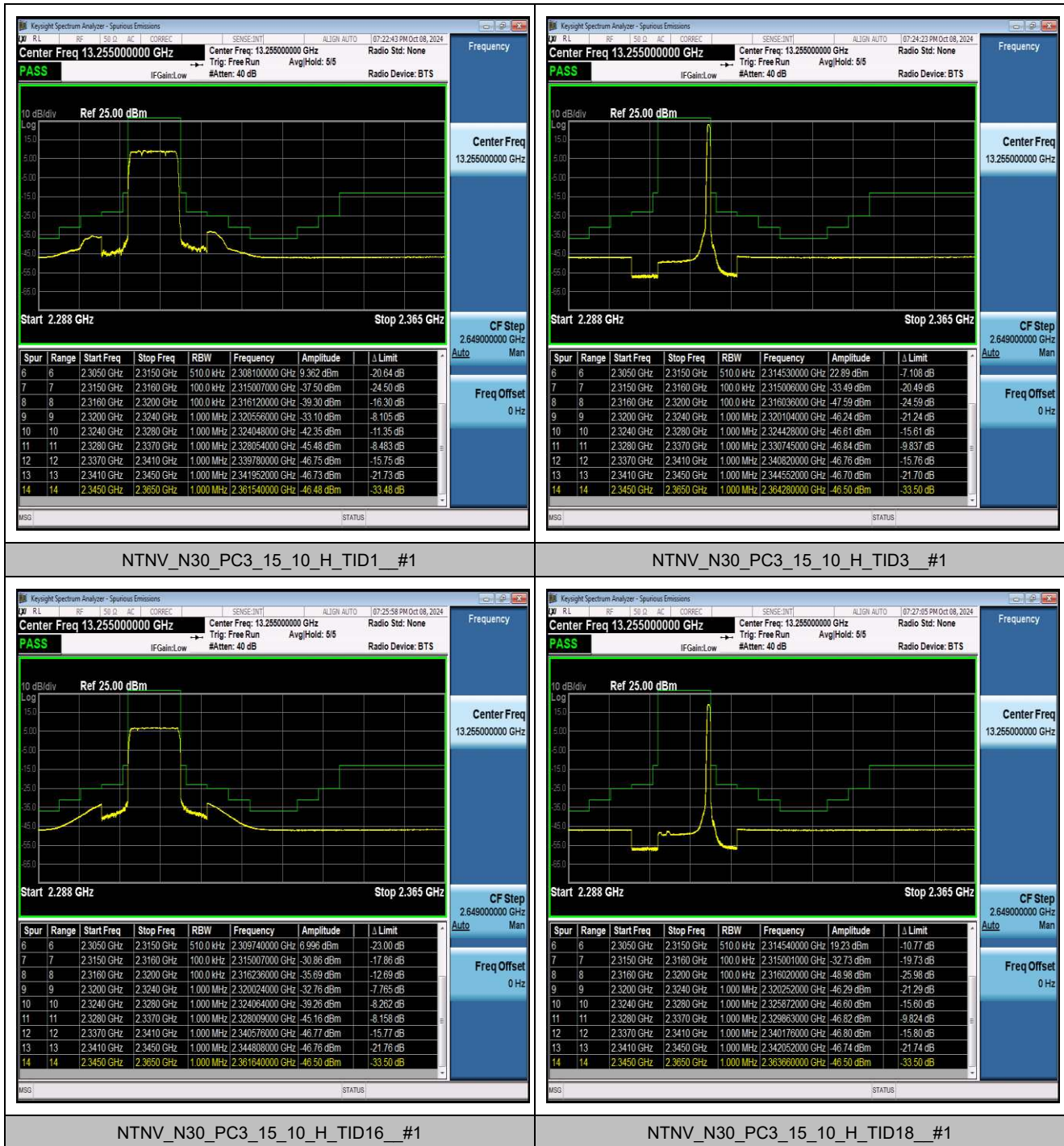
Band Edge for SA

Test Graphs



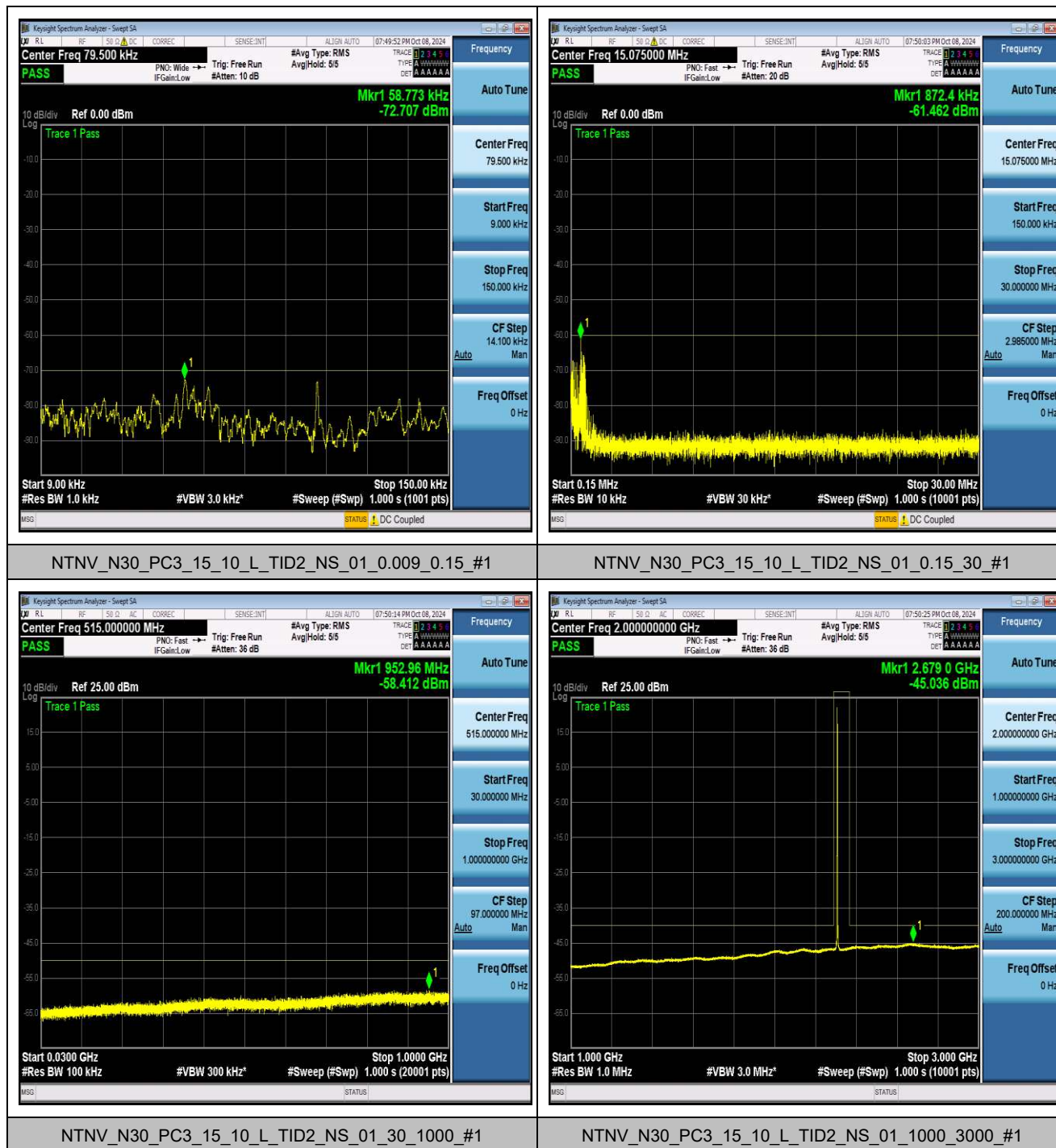


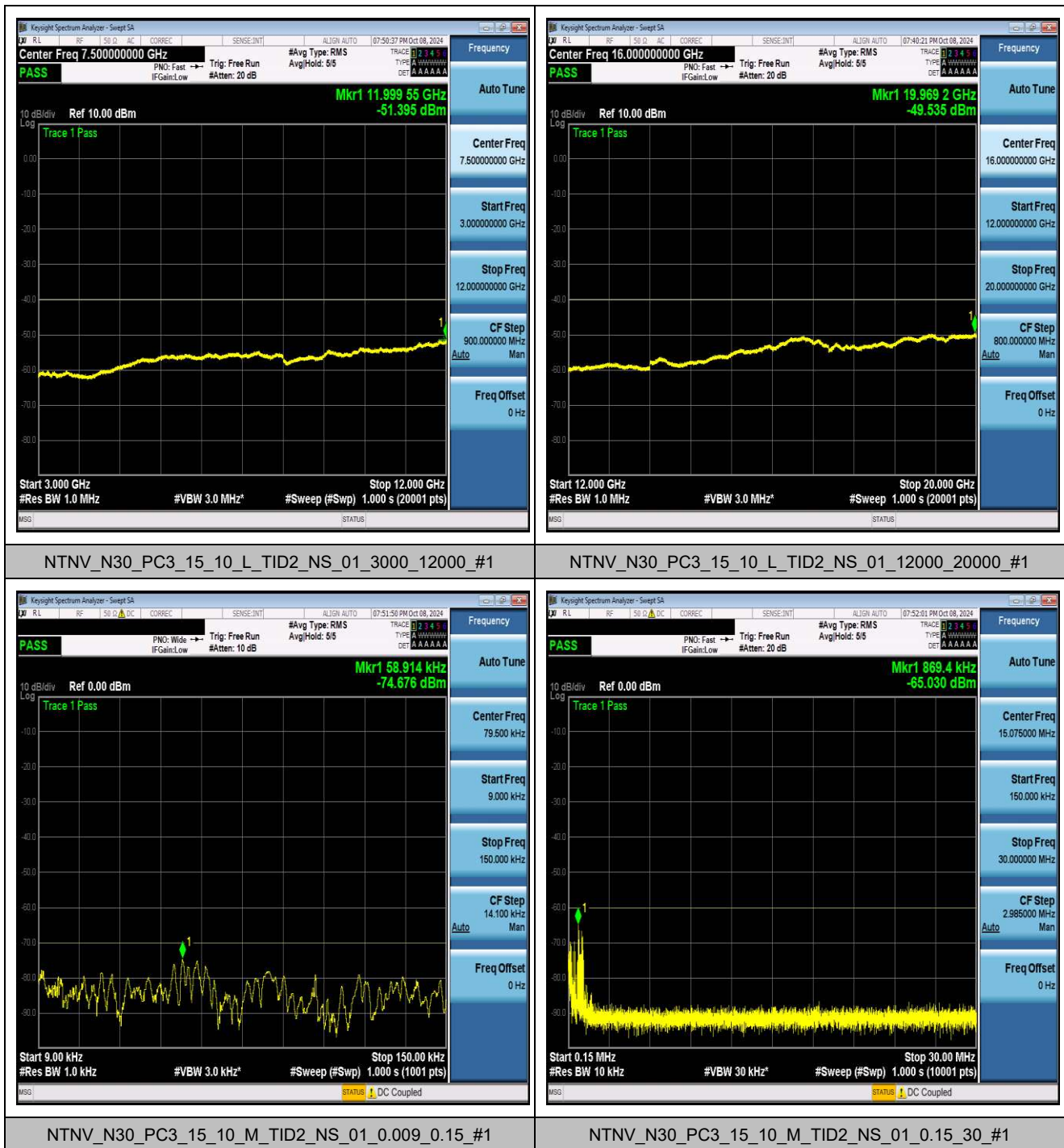


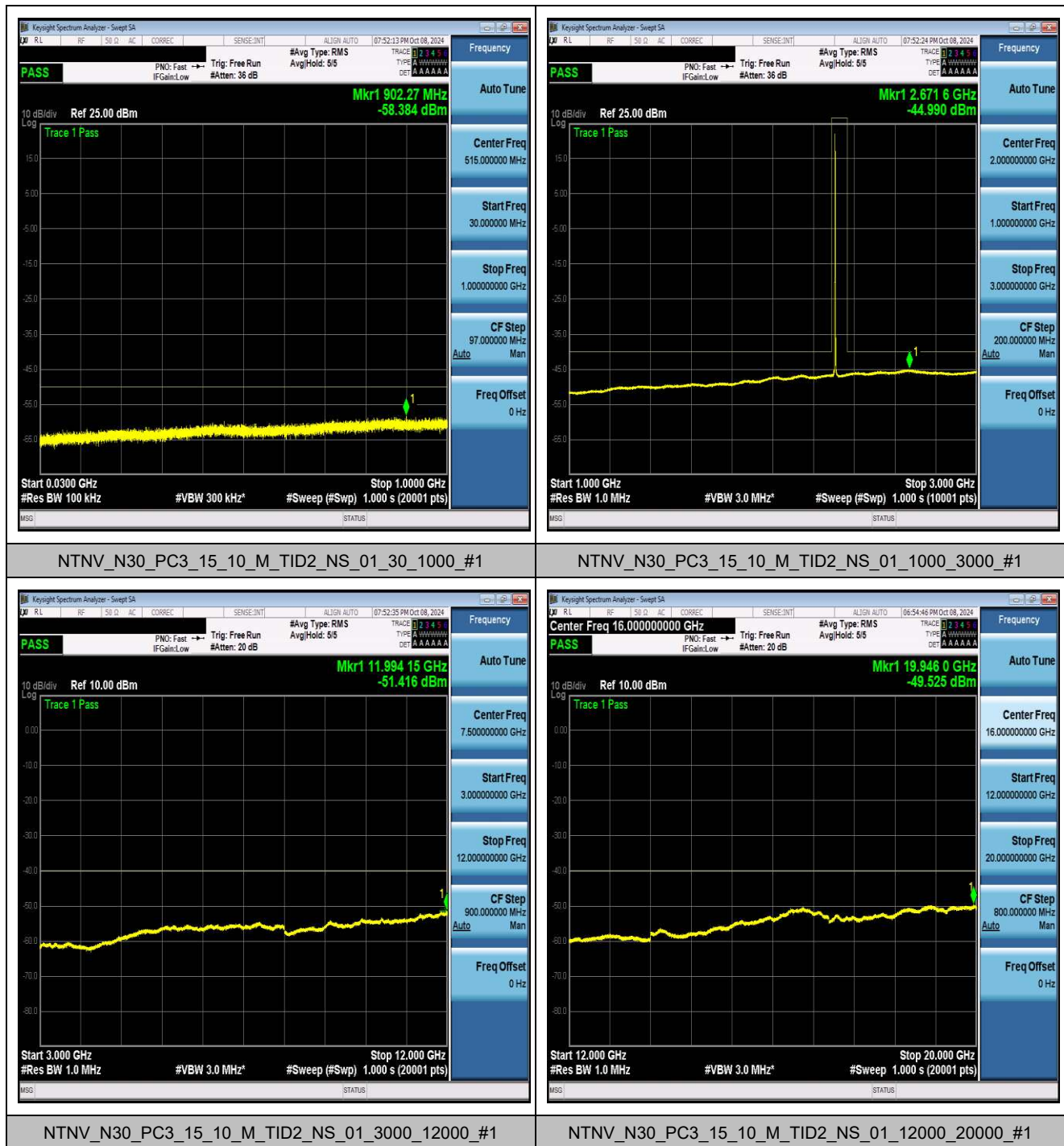


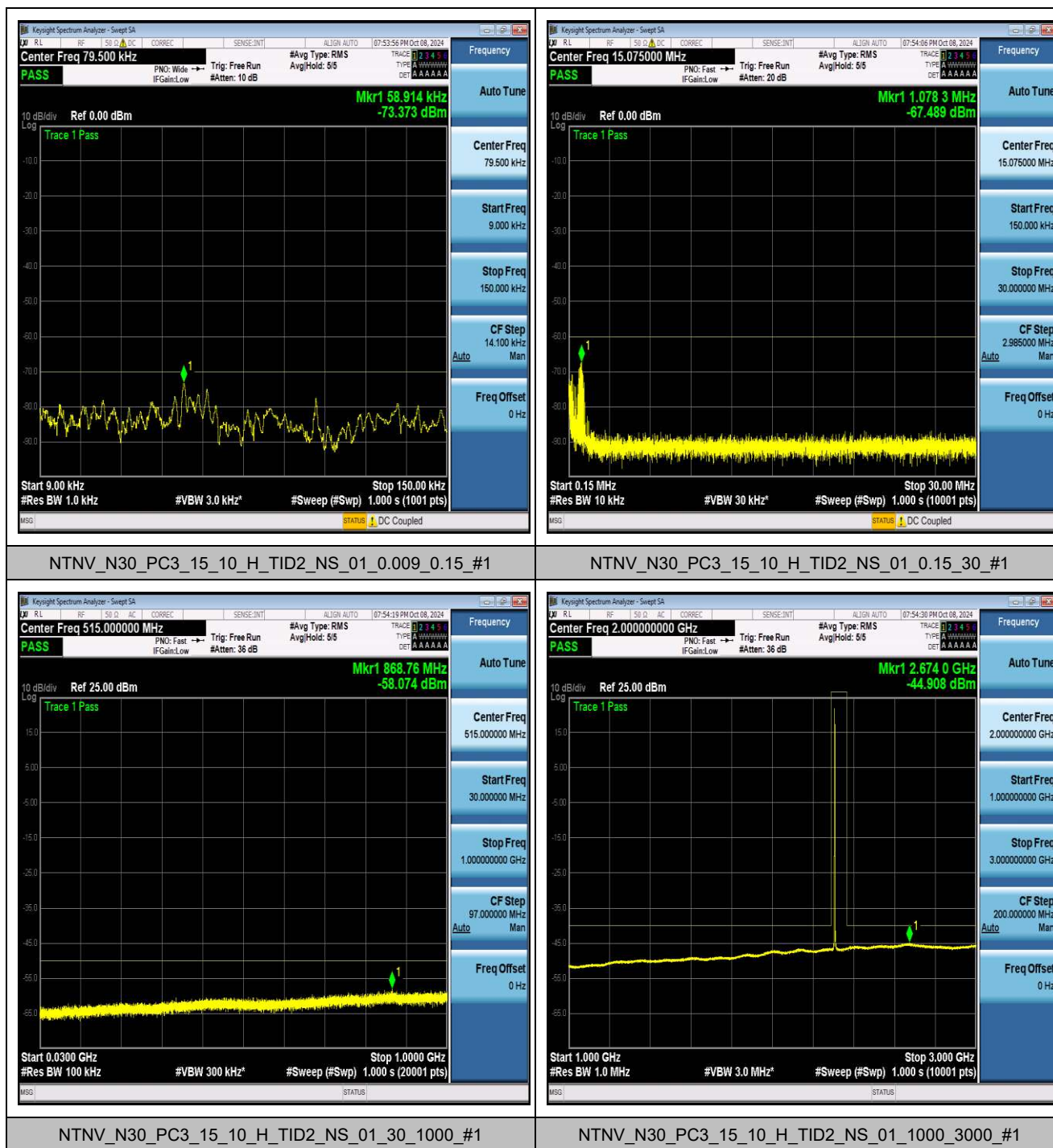
Conducted Spurious Emission for SA

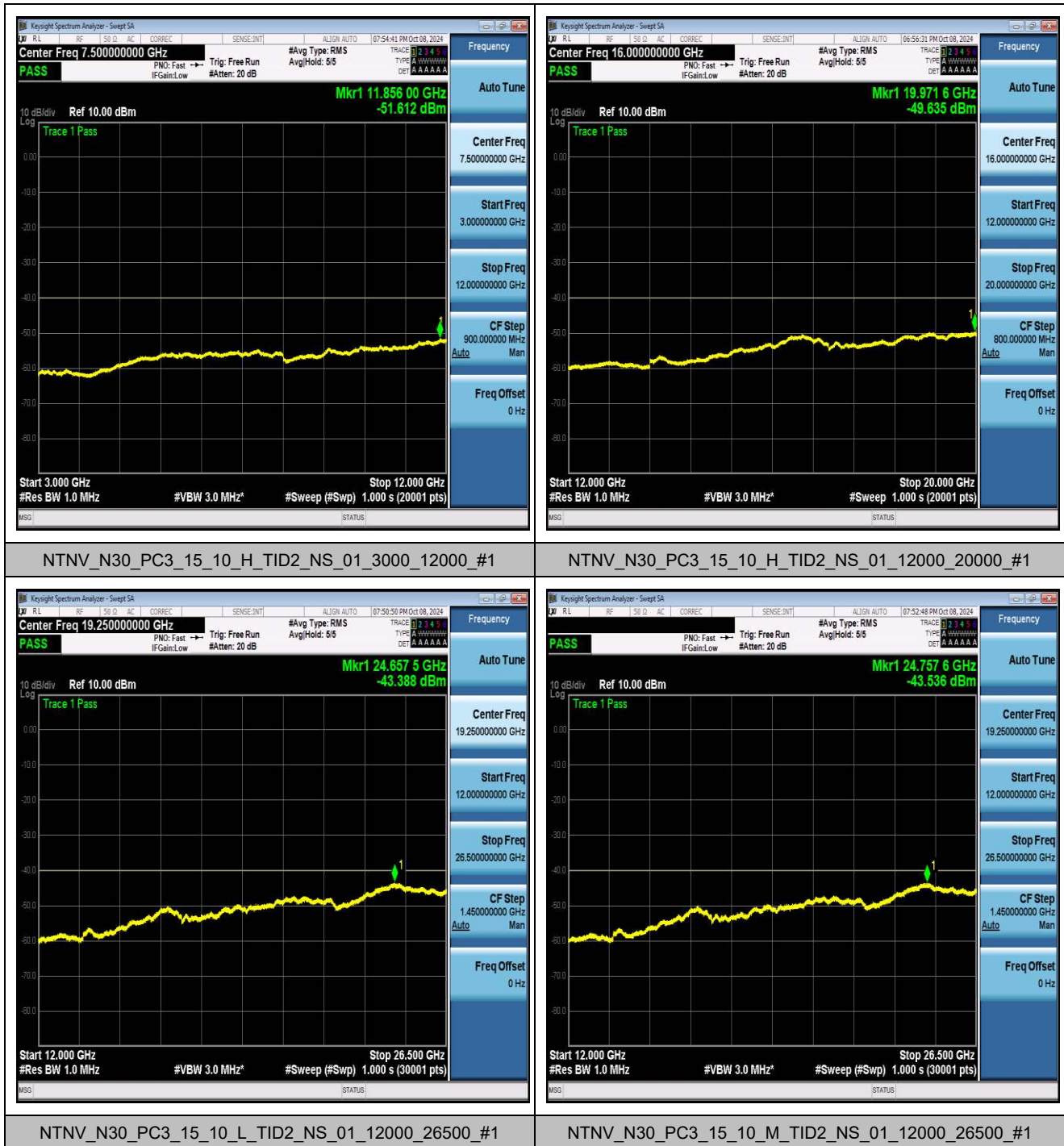
Test Graphs













NTNV_N30_PC3_15_10_H_TID2_NS_01_12000_26500_#1

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N30	15	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	-7.900000	-0.003420	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	-6.300000	-0.002727	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.500000	-0.002381	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VL	NT	-8.700000	-0.003766	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VN	NT	-6.700000	-0.002900	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VH	NT	-6.200000	-0.002684	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-7.000000	-0.003030	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.600000	-0.002424	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.800000	-0.002078	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	0.800000	0.000346	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.700000	-0.002468	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.900000	-0.000823	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.900000	-0.003853	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.100000	-0.003074	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.400000	-0.002771	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-30	-2.900000	-0.001255	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-20	-7.600000	-0.003290	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-10	-7.600000	-0.003290	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	0	-9.800000	-0.004242	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	10	-6.700000	-0.002900	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	20	-10.200000	-0.004416	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	30	-3.600000	-0.001558	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	40	-2.400000	-0.001039	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	50	-4.400000	-0.001905	PASS