

Appendix-B NR Band n26(814-824)

Transmitter Conducted Power Output

Test Result

Condition	Band	SCS	BW (MHz)	Channel	NR Mod	RB Config	Result	Limit (dBm)	Verdict
NTNV	N26-814-824	15	5	L	DFT-PI2BPSK	Outer_Full	23.29	50	PASS
NTNV	N26-814-824	15	5	L	DFT-PI2BPSK	Inner_Full	24.33	50	PASS
NTNV	N26-814-824	15	5	L	DFT-PI2BPSK	Inner_1RB_Left	24.31	50	PASS
NTNV	N26-814-824	15	5	L	DFT-PI2BPSK	Inner_1RB_Right	24.36	50	PASS
NTNV	N26-814-824	15	5	L	DFT-QPSK	Outer_Full	23.47	50	PASS
NTNV	N26-814-824	15	5	L	DFT-QPSK	Inner_Full	24.51	50	PASS
NTNV	N26-814-824	15	5	L	DFT-QPSK	Inner_1RB_Left	24.43	50	PASS
NTNV	N26-814-824	15	5	L	DFT-QPSK	Inner_1RB_Right	24.54	50	PASS
NTNV	N26-814-824	15	5	L	DFT-16QAM	Outer_Full	22.46	50	PASS
NTNV	N26-814-824	15	5	L	DFT-16QAM	Inner_Full	23.50	50	PASS
NTNV	N26-814-824	15	5	L	DFT-16QAM	Inner_1RB_Left	23.66	50	PASS
NTNV	N26-814-824	15	5	L	DFT-16QAM	Inner_1RB_Right	23.66	50	PASS
NTNV	N26-814-824	15	5	L	DFT-64QAM	Outer_Full	22.06	50	PASS
NTNV	N26-814-824	15	5	L	DFT-64QAM	Inner_Full	21.93	50	PASS
NTNV	N26-814-824	15	5	L	DFT-64QAM	Inner_1RB_Left	22.15	50	PASS
NTNV	N26-814-824	15	5	L	DFT-64QAM	Inner_1RB_Right	22.07	50	PASS
NTNV	N26-814-824	15	5	L	DFT-256QAM	Outer_Full	19.56	50	PASS
NTNV	N26-814-824	15	5	L	DFT-256QAM	Inner_Full	19.46	50	PASS
NTNV	N26-814-824	15	5	L	DFT-256QAM	Inner_1RB_Left	19.72	50	PASS
NTNV	N26-814-824	15	5	L	DFT-256QAM	Inner_1RB_Right	19.85	50	PASS
NTNV	N26-814-824	15	5	M	DFT-PI2BPSK	Outer_Full	23.38	50	PASS
NTNV	N26-814-824	15	5	M	DFT-PI2BPSK	Inner_Full	24.43	50	PASS
NTNV	N26-814-824	15	5	M	DFT-PI2BPSK	Inner_1RB_Left	24.28	50	PASS
NTNV	N26-814-824	15	5	M	DFT-PI2BPSK	Inner_1RB_Right	24.34	50	PASS
NTNV	N26-814-824	15	5	M	DFT-QPSK	Outer_Full	23.53	50	PASS
NTNV	N26-814-824	15	5	M	DFT-QPSK	Inner_Full	24.61	50	PASS
NTNV	N26-814-824	15	5	M	DFT-QPSK	Inner_1RB_Left	24.50	50	PASS
NTNV	N26-814-824	15	5	M	DFT-QPSK	Inner_1RB_Right	24.46	50	PASS
NTNV	N26-814-824	15	5	M	DFT-16QAM	Outer_Full	22.59	50	PASS
NTNV	N26-814-824	15	5	M	DFT-16QAM	Inner_Full	23.51	50	PASS
NTNV	N26-814-824	15	5	M	DFT-16QAM	Inner_1RB_Left	23.44	50	PASS
NTNV	N26-814-824	15	5	M	DFT-16QAM	Inner_1RB_Right	23.42	50	PASS
NTNV	N26-814-824	15	5	M	DFT-64QAM	Outer_Full	22.11	50	PASS
NTNV	N26-814-824	15	5	M	DFT-64QAM	Inner_Full	21.94	50	PASS
NTNV	N26-814-824	15	5	M	DFT-64QAM	Inner_1RB_Left	22.20	50	PASS
NTNV	N26-814-824	15	5	M	DFT-64QAM	Inner_1RB_Right	22.18	50	PASS

NTNV	N26-814-824	15	5	M	DFT-256QAM	Outer_Full	20.1	50	PASS
NTNV	N26-814-824	15	5	M	DFT-256QAM	Inner_Full	19.91	50	PASS
NTNV	N26-814-824	15	5	M	DFT-256QAM	Inner_1RB_Left	19.76	50	PASS
NTNV	N26-814-824	15	5	M	DFT-256QAM	Inner_1RB_Right	19.73	50	PASS
NTNV	N26-814-824	15	5	H	DFT-PI2BPSK	Outer_Full	23.30	50	PASS
NTNV	N26-814-824	15	5	H	DFT-PI2BPSK	Inner_Full	24.38	50	PASS
NTNV	N26-814-824	15	5	H	DFT-PI2BPSK	Inner_1RB_Left	24.36	50	PASS
NTNV	N26-814-824	15	5	H	DFT-PI2BPSK	Inner_1RB_Right	24.23	50	PASS
NTNV	N26-814-824	15	5	H	DFT-QPSK	Outer_Full	23.51	50	PASS
NTNV	N26-814-824	15	5	H	DFT-QPSK	Inner_Full	24.52	50	PASS
NTNV	N26-814-824	15	5	H	DFT-QPSK	Inner_1RB_Left	24.51	50	PASS
NTNV	N26-814-824	15	5	H	DFT-QPSK	Inner_1RB_Right	24.34	50	PASS
NTNV	N26-814-824	15	5	H	DFT-16QAM	Outer_Full	22.50	50	PASS
NTNV	N26-814-824	15	5	H	DFT-16QAM	Inner_Full	23.47	50	PASS
NTNV	N26-814-824	15	5	H	DFT-16QAM	Inner_1RB_Left	23.73	50	PASS
NTNV	N26-814-824	15	5	H	DFT-16QAM	Inner_1RB_Right	23.58	50	PASS
NTNV	N26-814-824	15	5	H	DFT-64QAM	Outer_Full	22.09	50	PASS
NTNV	N26-814-824	15	5	H	DFT-64QAM	Inner_Full	21.95	50	PASS
NTNV	N26-814-824	15	5	H	DFT-64QAM	Inner_1RB_Left	22.24	50	PASS
NTNV	N26-814-824	15	5	H	DFT-64QAM	Inner_1RB_Right	22.08	50	PASS
NTNV	N26-814-824	15	5	H	DFT-256QAM	Outer_Full	20.05	50	PASS
NTNV	N26-814-824	15	5	H	DFT-256QAM	Inner_Full	19.92	50	PASS
NTNV	N26-814-824	15	5	H	DFT-256QAM	Inner_1RB_Left	19.61	50	PASS
NTNV	N26-814-824	15	5	H	DFT-256QAM	Inner_1RB_Right	19.63	50	PASS
NTNV	N26-814-824	15	10	M	DFT-PI2BPSK	Outer_Full	24.12	50	PASS
NTNV	N26-814-824	15	10	M	DFT-PI2BPSK	Inner_Full	24.55	50	PASS
NTNV	N26-814-824	15	10	M	DFT-PI2BPSK	Inner_1RB_Left	24.67	50	PASS
NTNV	N26-814-824	15	10	M	DFT-PI2BPSK	Inner_1RB_Right	24.70	50	PASS
NTNV	N26-814-824	15	10	M	DFT-QPSK	Outer_Full	23.54	50	PASS
NTNV	N26-814-824	15	10	M	DFT-QPSK	Inner_Full	24.51	50	PASS
NTNV	N26-814-824	15	10	M	DFT-QPSK	Inner_1RB_Left	24.59	50	PASS
NTNV	N26-814-824	15	10	M	DFT-QPSK	Inner_1RB_Right	24.66	50	PASS
NTNV	N26-814-824	15	10	M	DFT-16QAM	Outer_Full	22.62	50	PASS
NTNV	N26-814-824	15	10	M	DFT-16QAM	Inner_Full	23.58	50	PASS
NTNV	N26-814-824	15	10	M	DFT-16QAM	Inner_1RB_Left	23.69	50	PASS
NTNV	N26-814-824	15	10	M	DFT-16QAM	Inner_1RB_Right	23.74	50	PASS
NTNV	N26-814-824	15	10	M	DFT-64QAM	Outer_Full	22.09	50	PASS
NTNV	N26-814-824	15	10	M	DFT-64QAM	Inner_Full	22.09	50	PASS
NTNV	N26-814-824	15	10	M	DFT-64QAM	Inner_1RB_Left	22.31	50	PASS
NTNV	N26-814-824	15	10	M	DFT-64QAM	Inner_1RB_Right	22.36	50	PASS
NTNV	N26-814-824	15	10	M	DFT-256QAM	Outer_Full	20.16	50	PASS
NTNV	N26-814-824	15	10	M	DFT-256QAM	Inner_Full	20.13	50	PASS
NTNV	N26-814-824	15	10	M	DFT-256QAM	Inner_1RB_Left	19.82	50	PASS
NTNV	N26-814-824	15	10	M	DFT-256QAM	Inner_1RB_Right	19.84	50	PASS

Peak-to-Average Ratio for SA

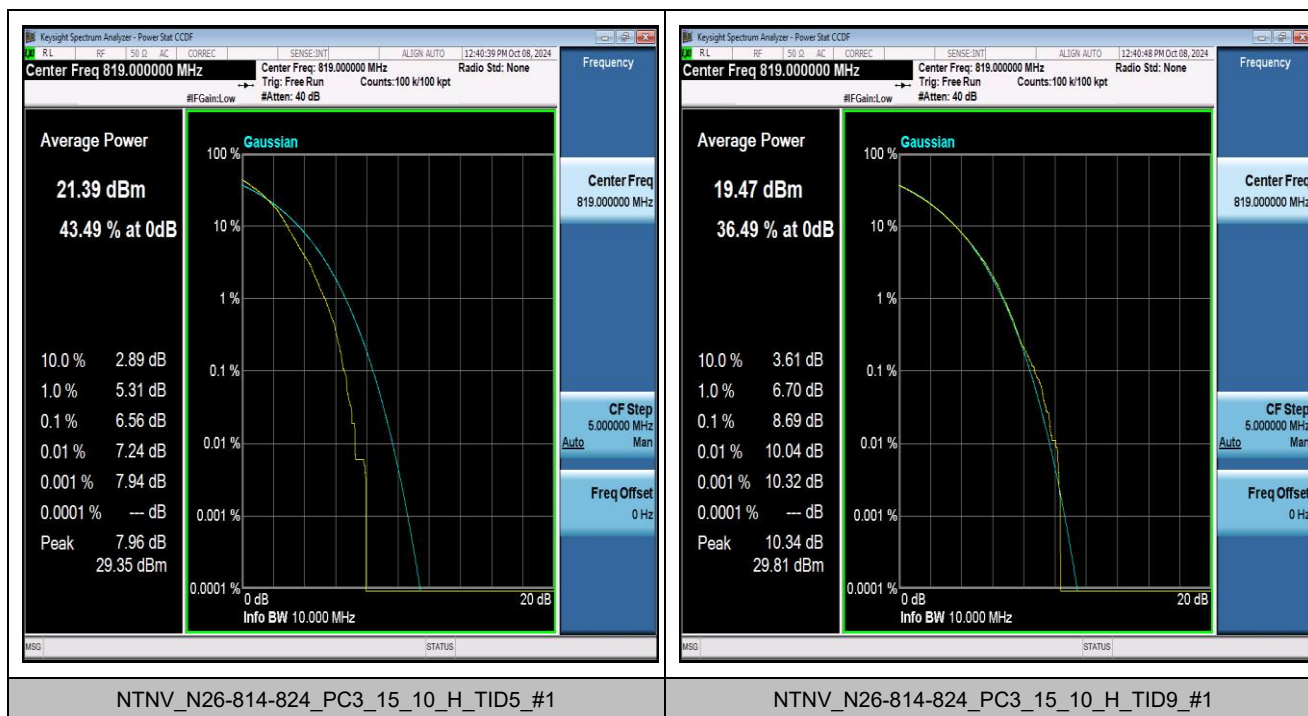
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N26-814-824	15	10	DFT-256QAM	L	Outer_Full	6.66	≤13	PASS
N26-814-824	15	10	CP-256QAM	L	Outer_Full	8.60	≤13	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	6.72	≤13	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	8.60	≤13	PASS
N26-814-824	15	10	DFT-256QAM	H	Outer_Full	6.56	≤13	PASS
N26-814-824	15	10	CP-256QAM	H	Outer_Full	8.69	≤13	PASS

Test Graphs



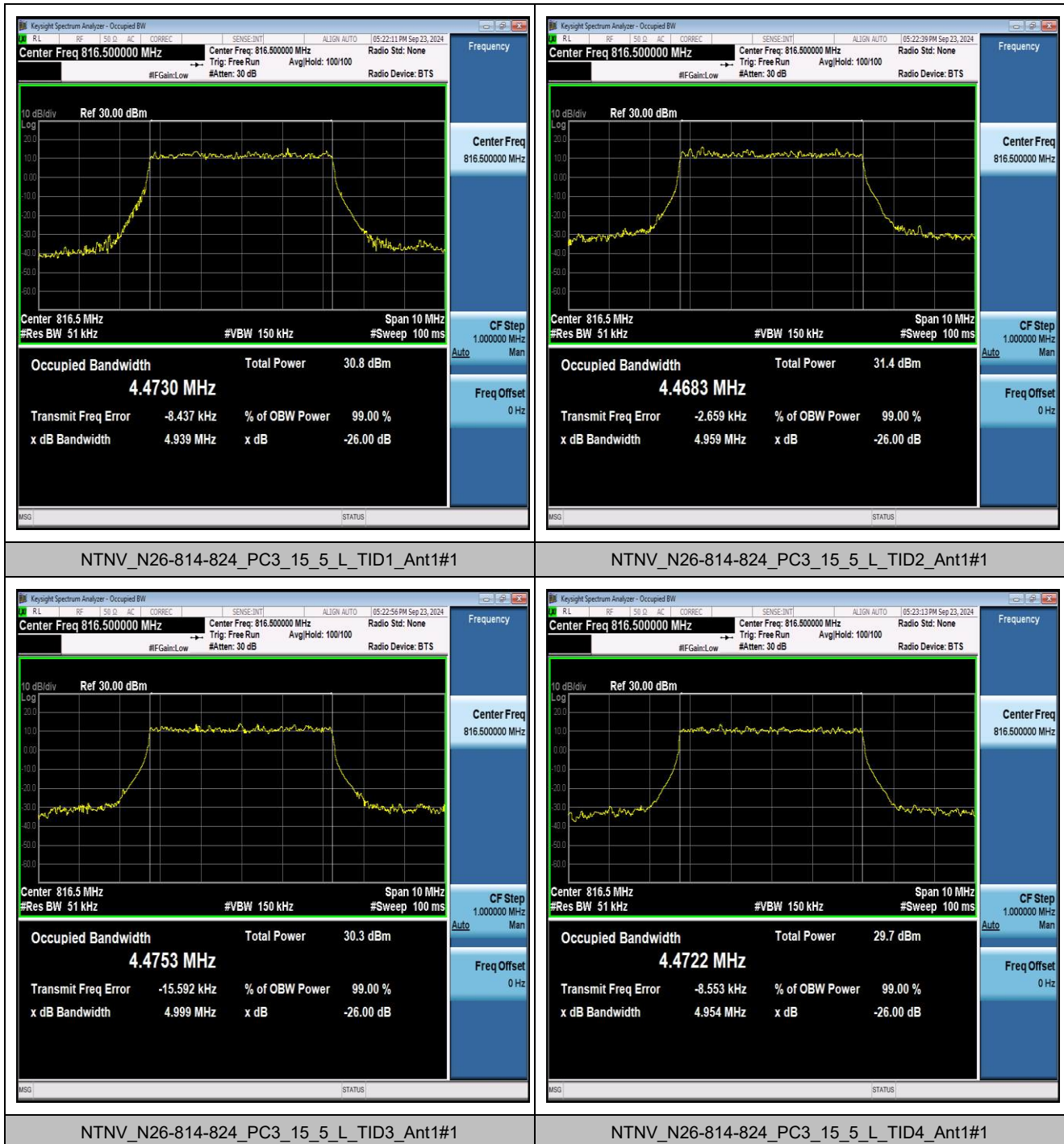


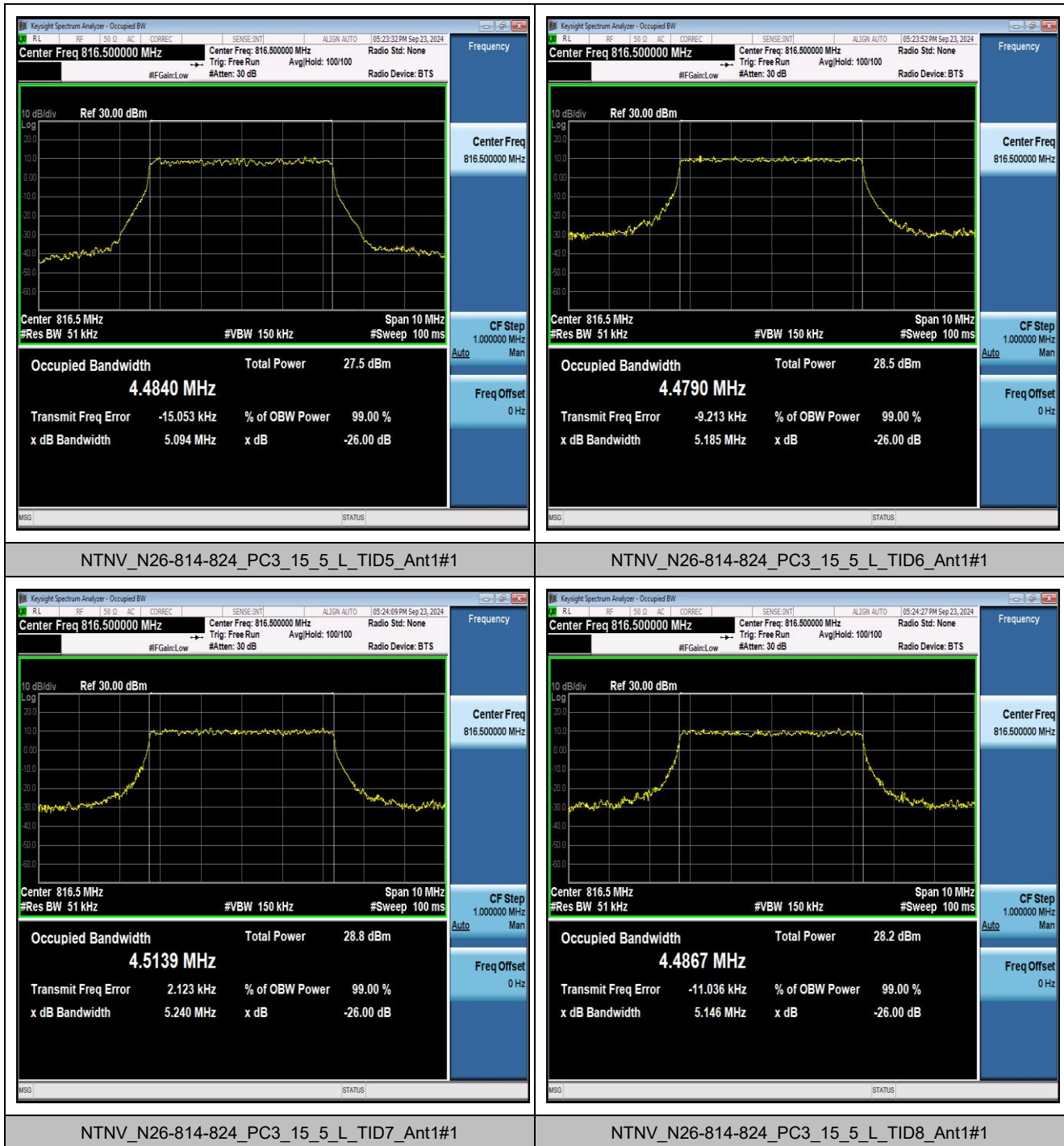
26dB Bandwidth and Occupied Bandwidth for SA

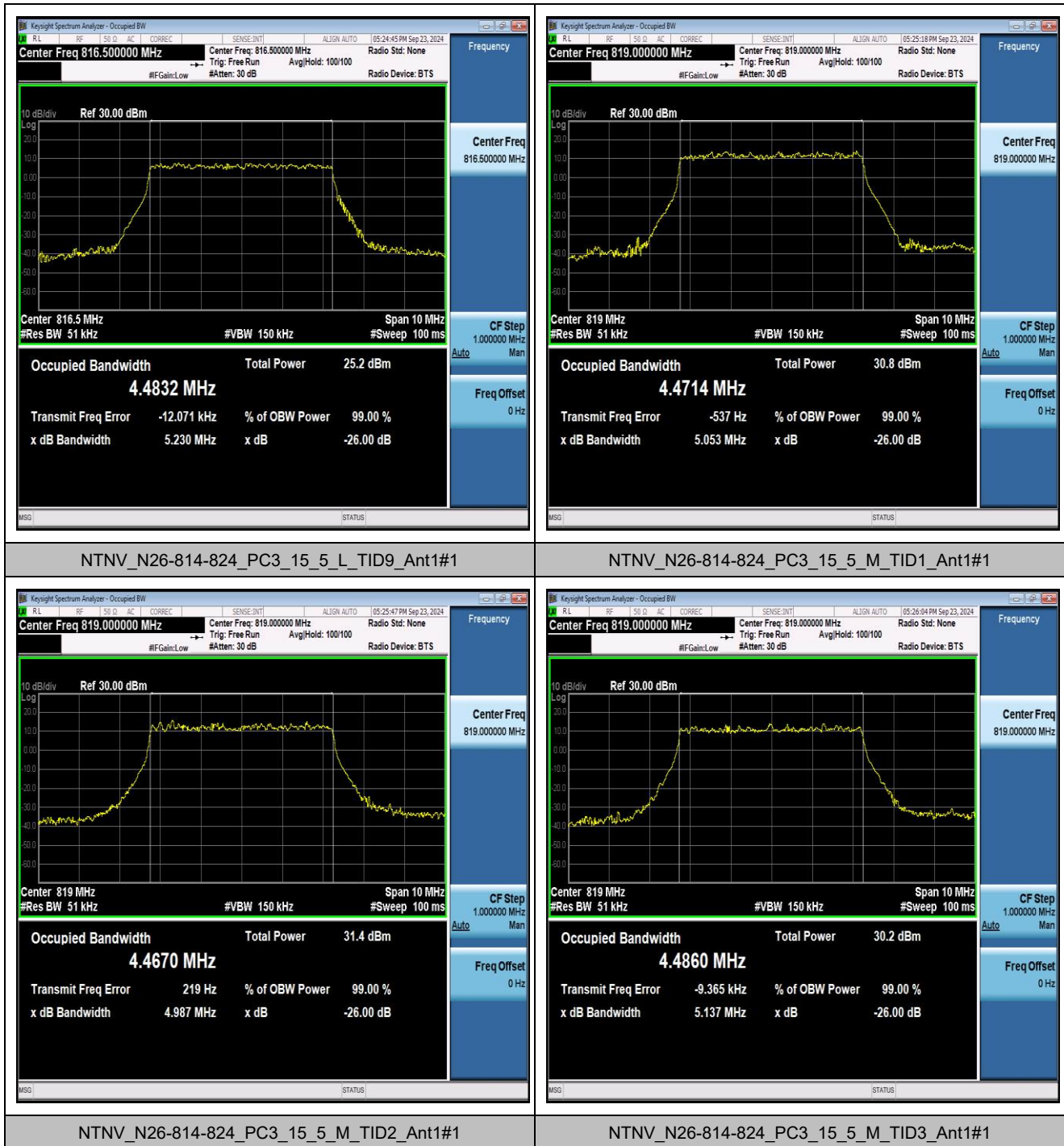
Test Result

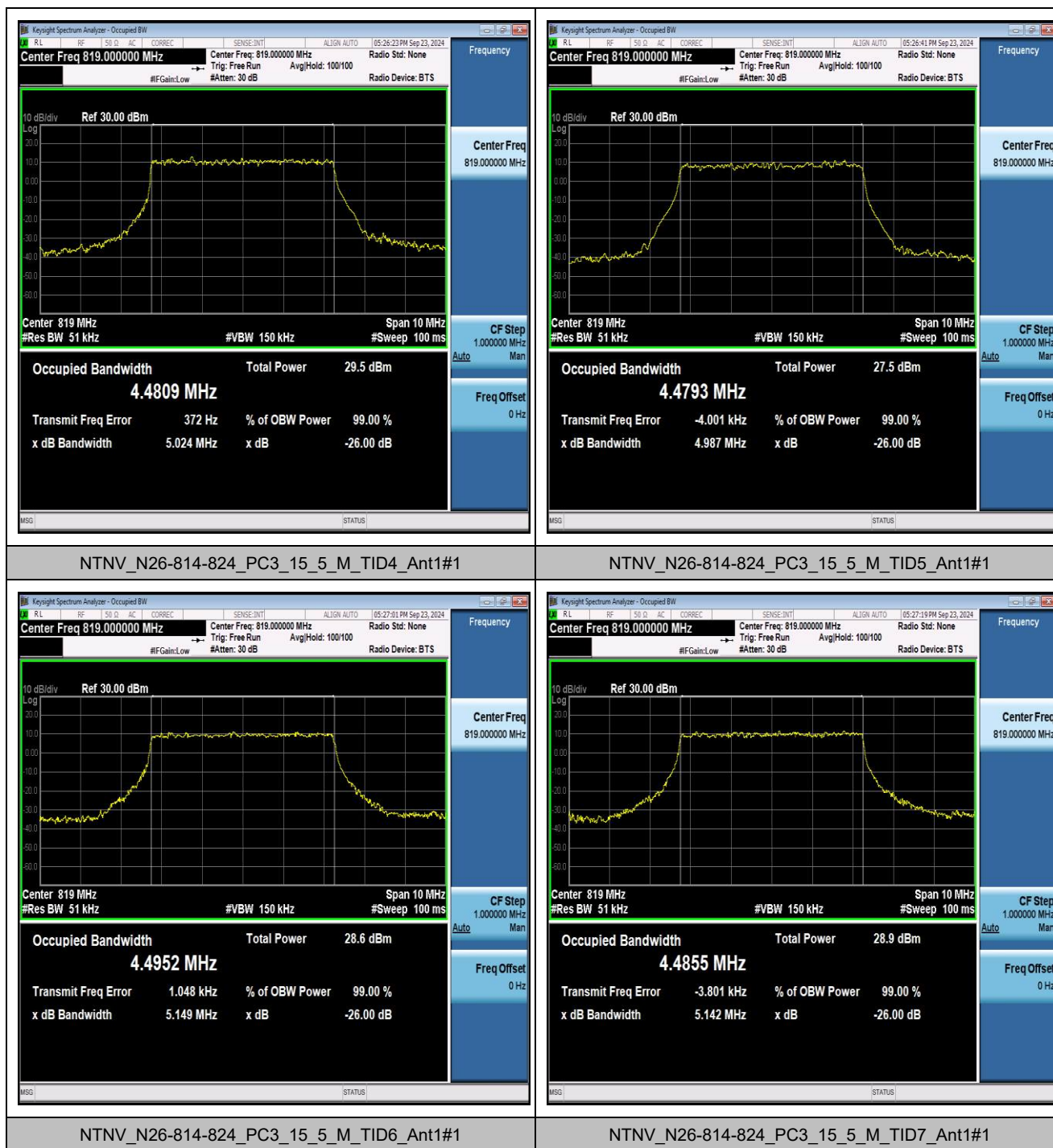
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N26-814-824	15	5	DFT-PI2BPSK	L	Outer_Full	4.4730	4.939	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	4.4683	4.959	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	4.4753	4.999	PASS
N26-814-824	15	5	DFT-64QAM	L	Outer_Full	4.4722	4.954	PASS
N26-814-824	15	5	DFT-256QAM	L	Outer_Full	4.4840	5.094	PASS
N26-814-824	15	5	CP-QPSK	L	Outer_Full	4.4790	5.185	PASS
N26-814-824	15	5	CP-16QAM	L	Outer_Full	4.5139	5.240	PASS
N26-814-824	15	5	CP-64QAM	L	Outer_Full	4.4867	5.146	PASS
N26-814-824	15	5	CP-256QAM	L	Outer_Full	4.4832	5.230	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Outer_Full	4.4714	5.053	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	4.4670	4.987	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	4.4860	5.137	PASS
N26-814-824	15	5	DFT-64QAM	M	Outer_Full	4.4809	5.024	PASS
N26-814-824	15	5	DFT-256QAM	M	Outer_Full	4.4793	4.987	PASS
N26-814-824	15	5	CP-QPSK	M	Outer_Full	4.4952	5.149	PASS
N26-814-824	15	5	CP-16QAM	M	Outer_Full	4.4855	5.142	PASS
N26-814-824	15	5	CP-64QAM	M	Outer_Full	4.4915	5.187	PASS
N26-814-824	15	5	CP-256QAM	M	Outer_Full	4.4815	5.135	PASS
N26-814-824	15	5	DFT-PI2BPSK	H	Outer_Full	4.4678	5.134	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	4.4527	4.887	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	4.4802	5.048	PASS
N26-814-824	15	5	DFT-64QAM	H	Outer_Full	4.4633	4.949	PASS
N26-814-824	15	5	DFT-256QAM	H	Outer_Full	4.4741	5.022	PASS
N26-814-824	15	5	CP-QPSK	H	Outer_Full	4.4688	5.148	PASS
N26-814-824	15	5	CP-16QAM	H	Outer_Full	4.5025	5.182	PASS
N26-814-824	15	5	CP-64QAM	H	Outer_Full	4.4822	5.103	PASS
N26-814-824	15	5	CP-256QAM	H	Outer_Full	4.4798	5.159	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	8.9176	9.611	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	8.9273	9.709	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	8.9738	9.717	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	8.9427	9.647	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	8.9394	9.580	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	9.3022	10.20	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	9.2914	10.13	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	9.2870	10.14	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	9.3172	10.07	PASS

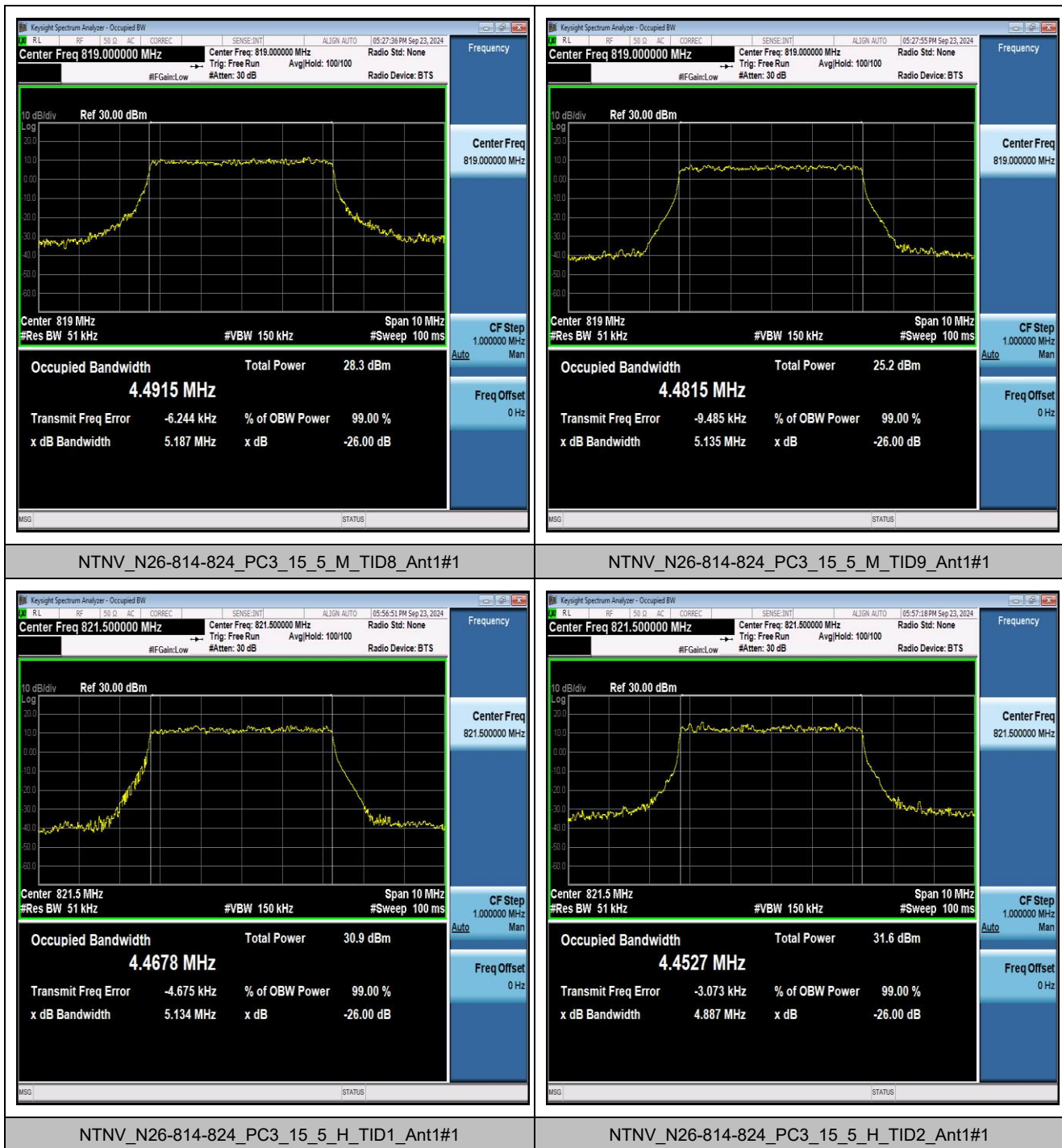
Test Graphs

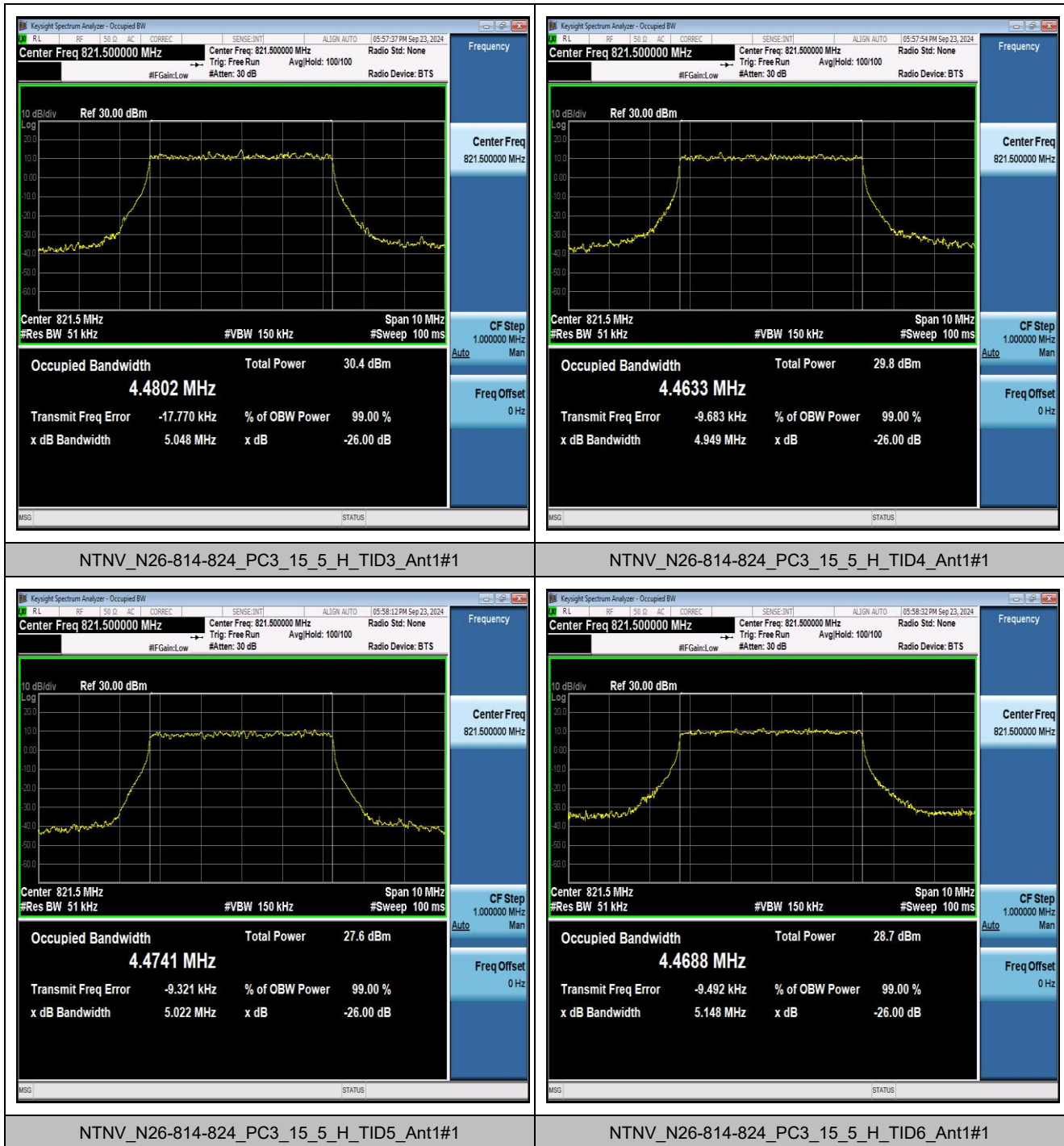


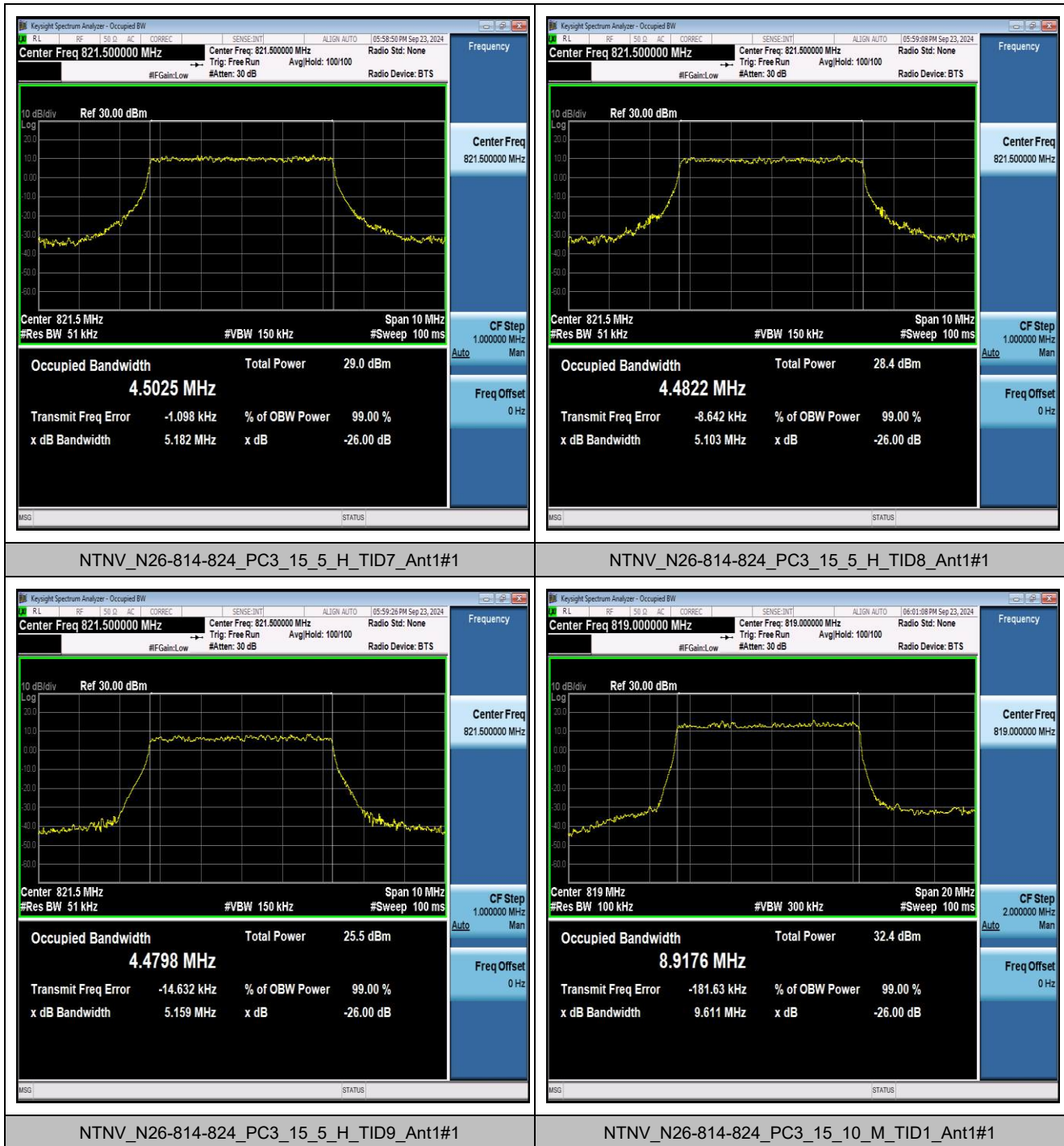


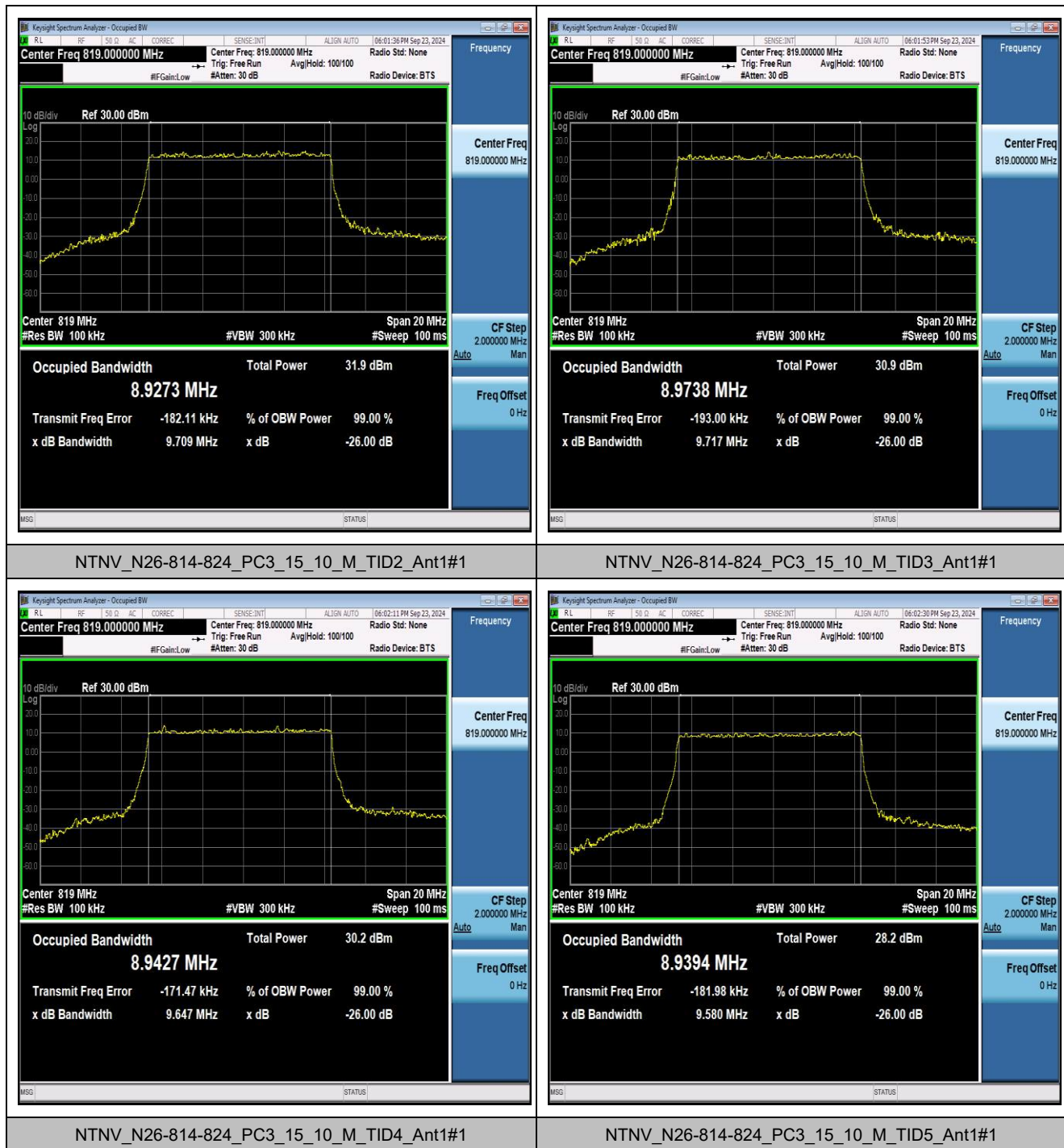


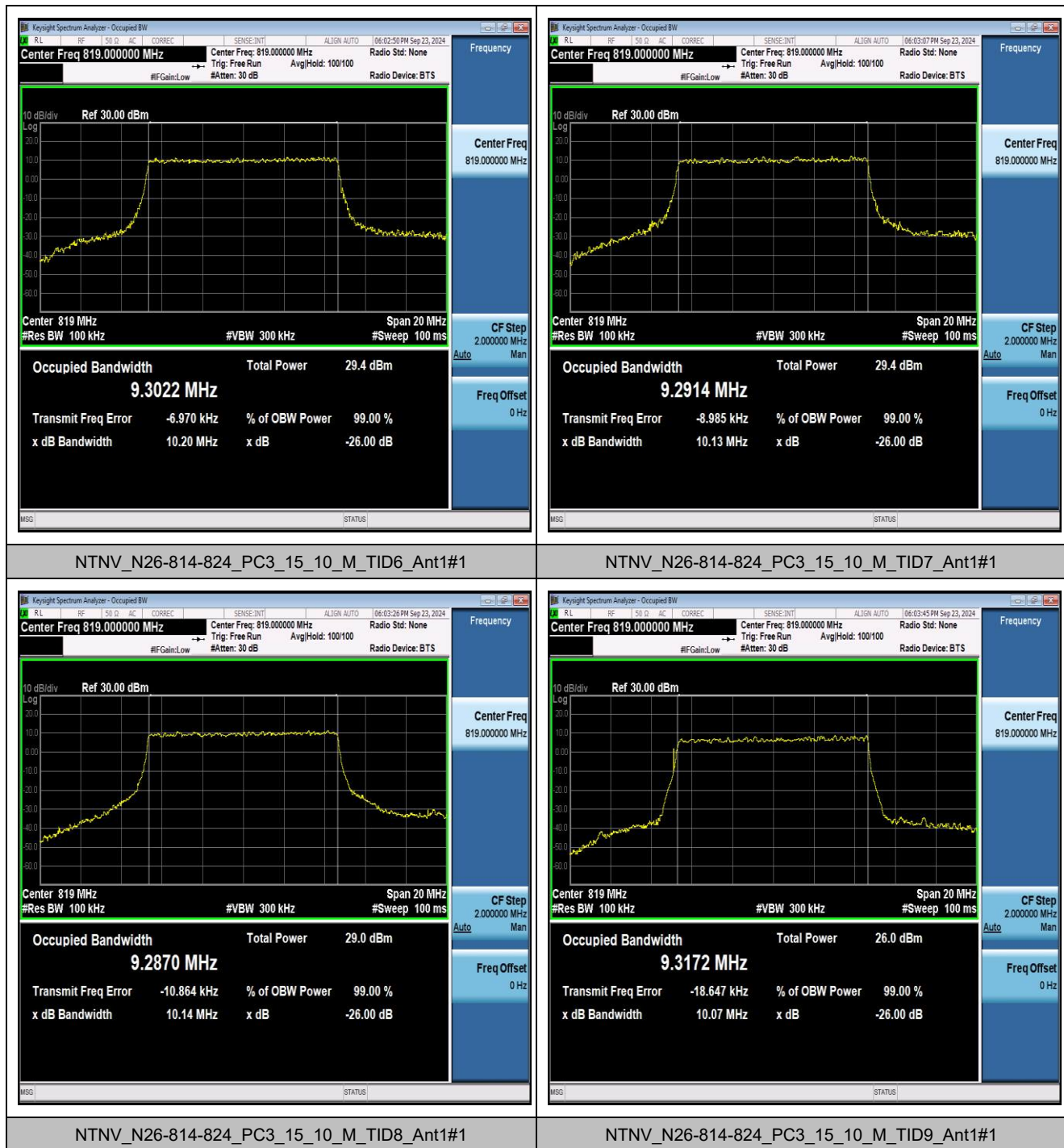






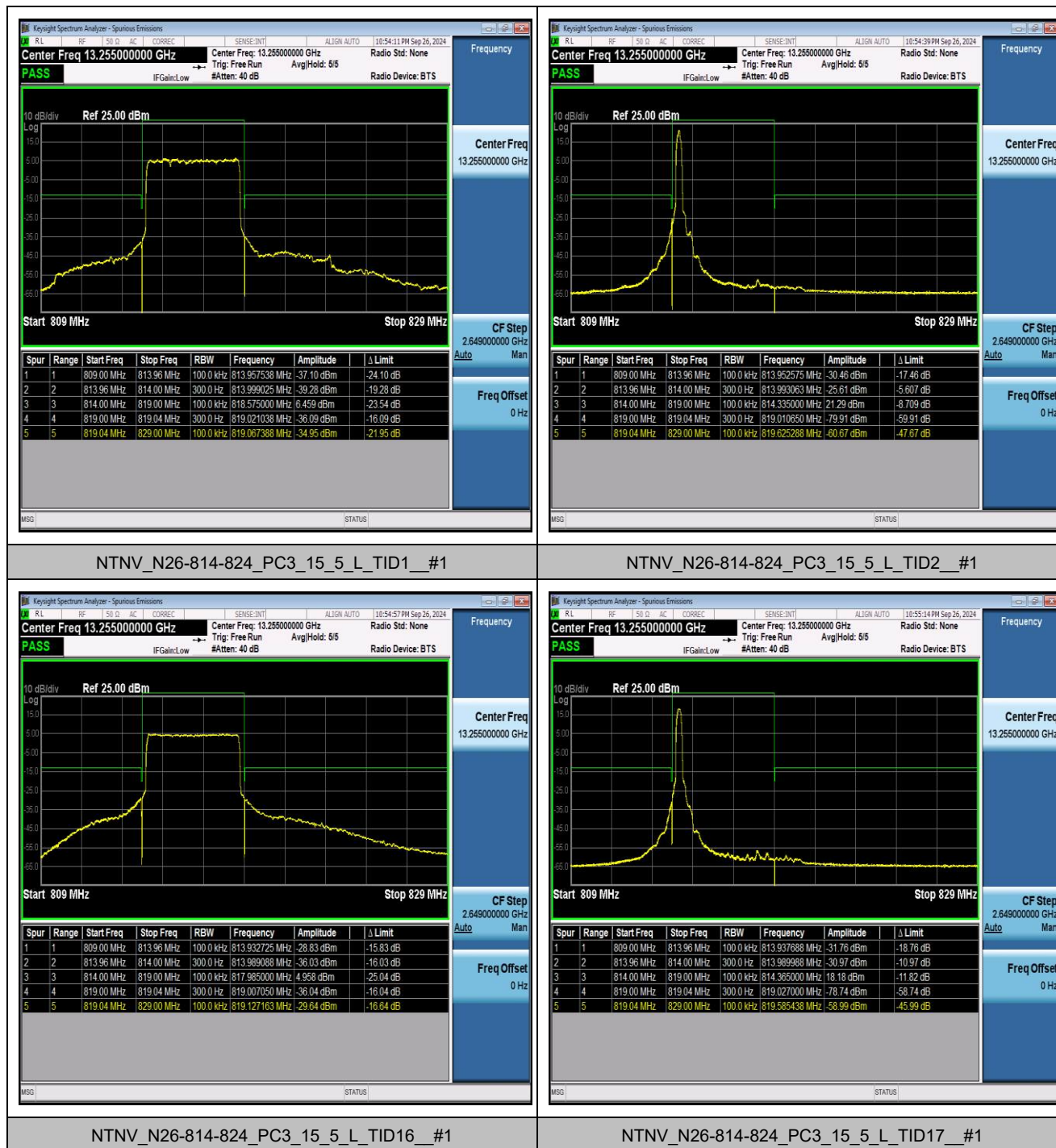


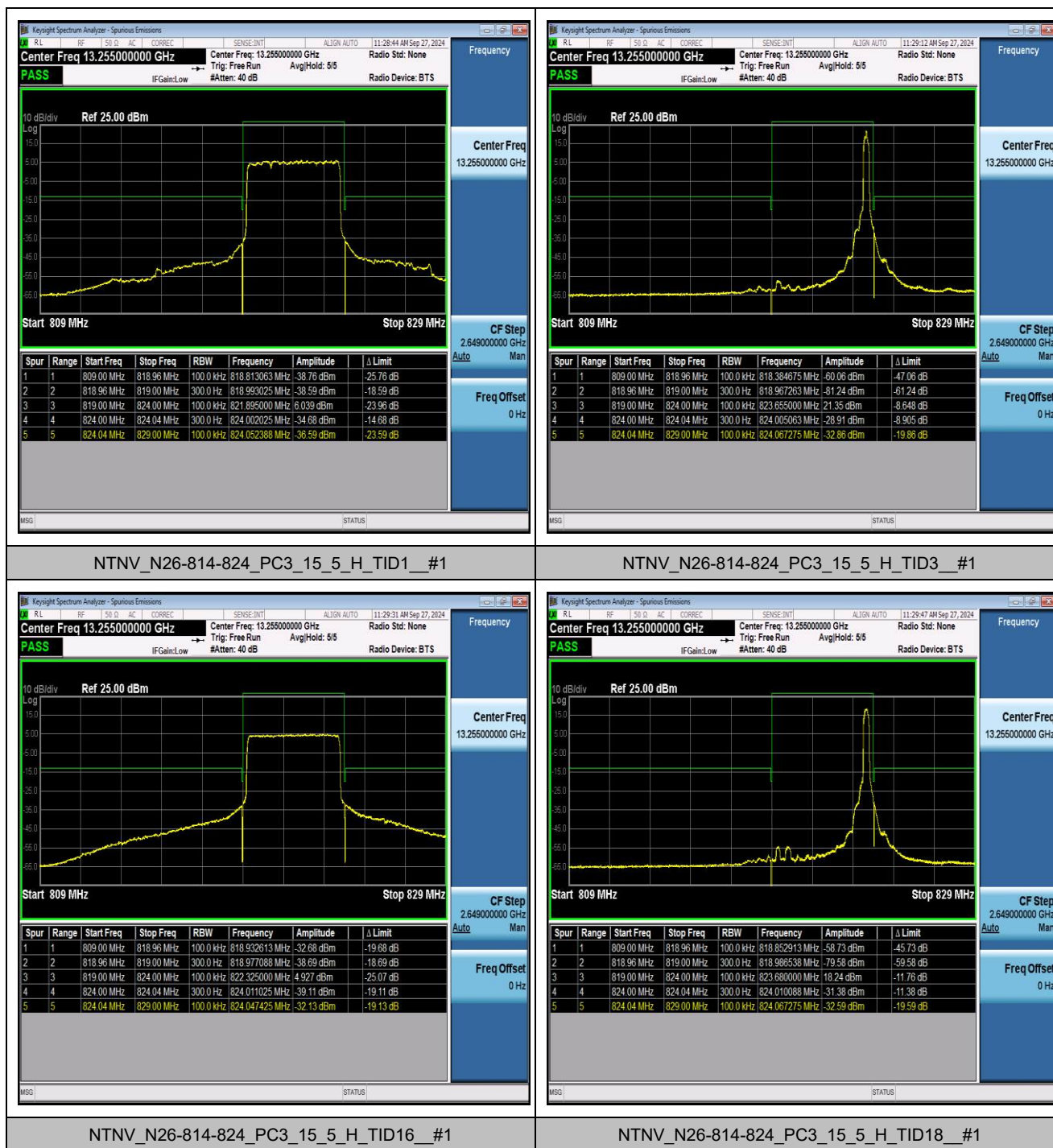


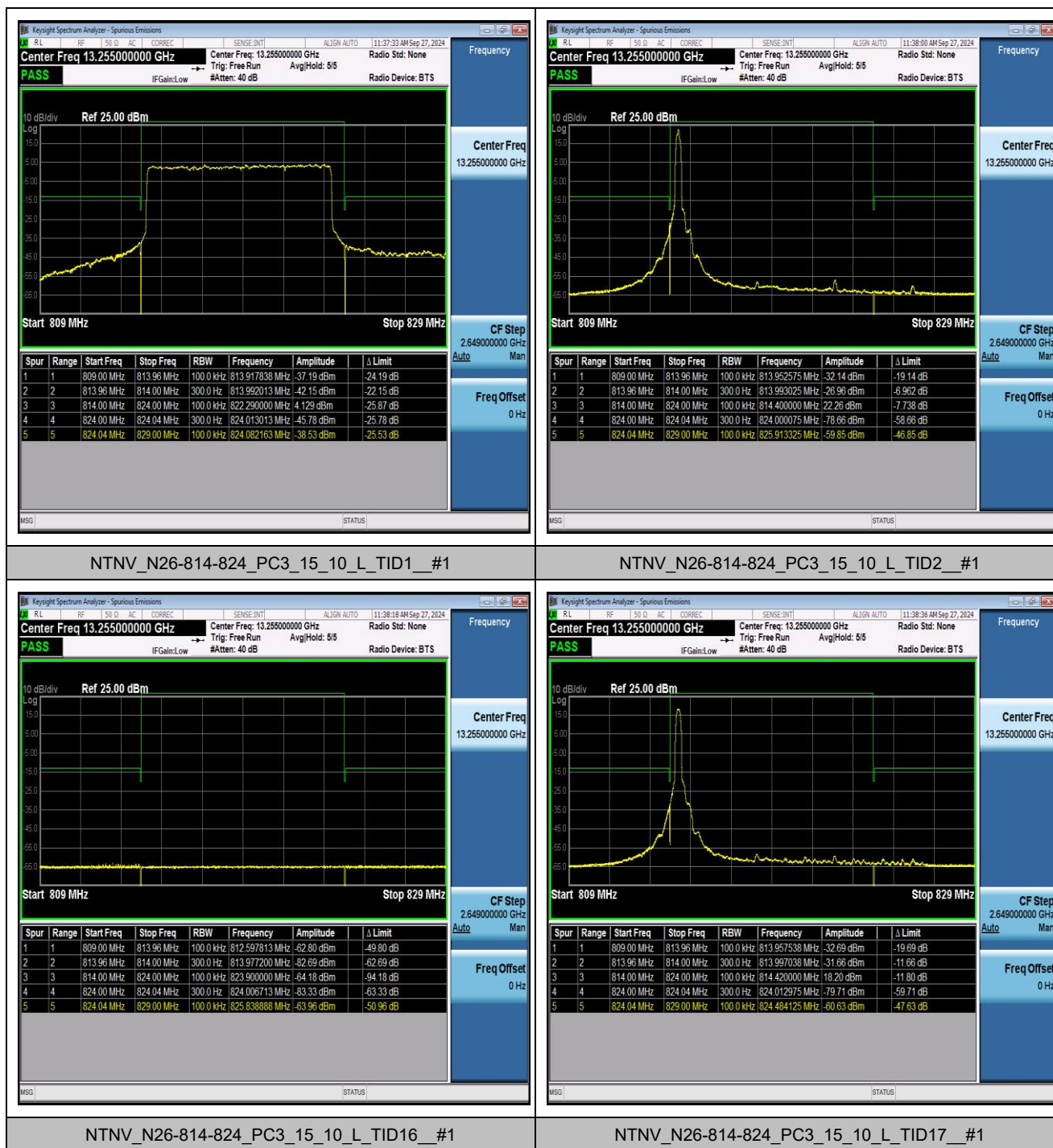


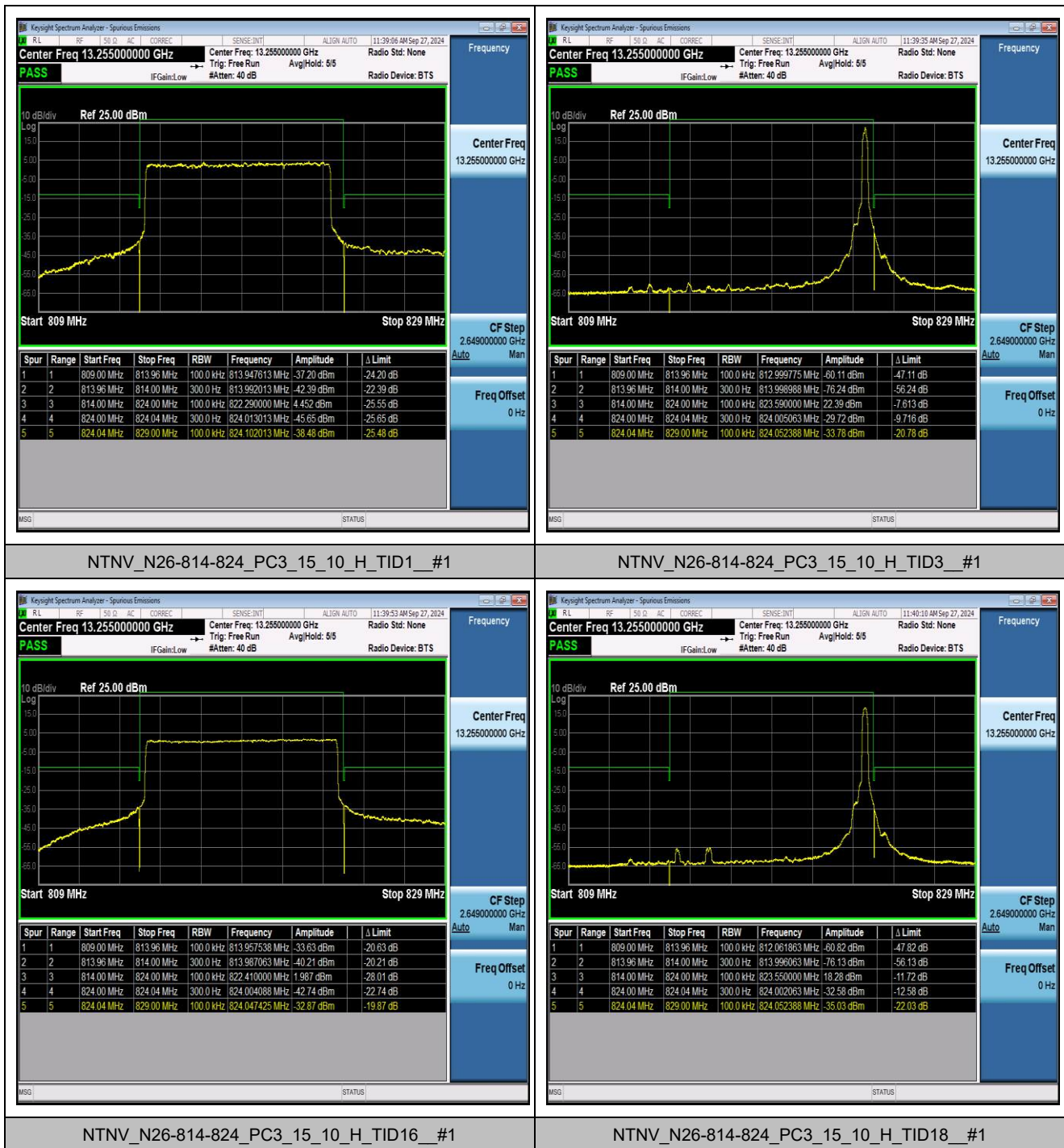
Band Edge for SA

Test Graphs



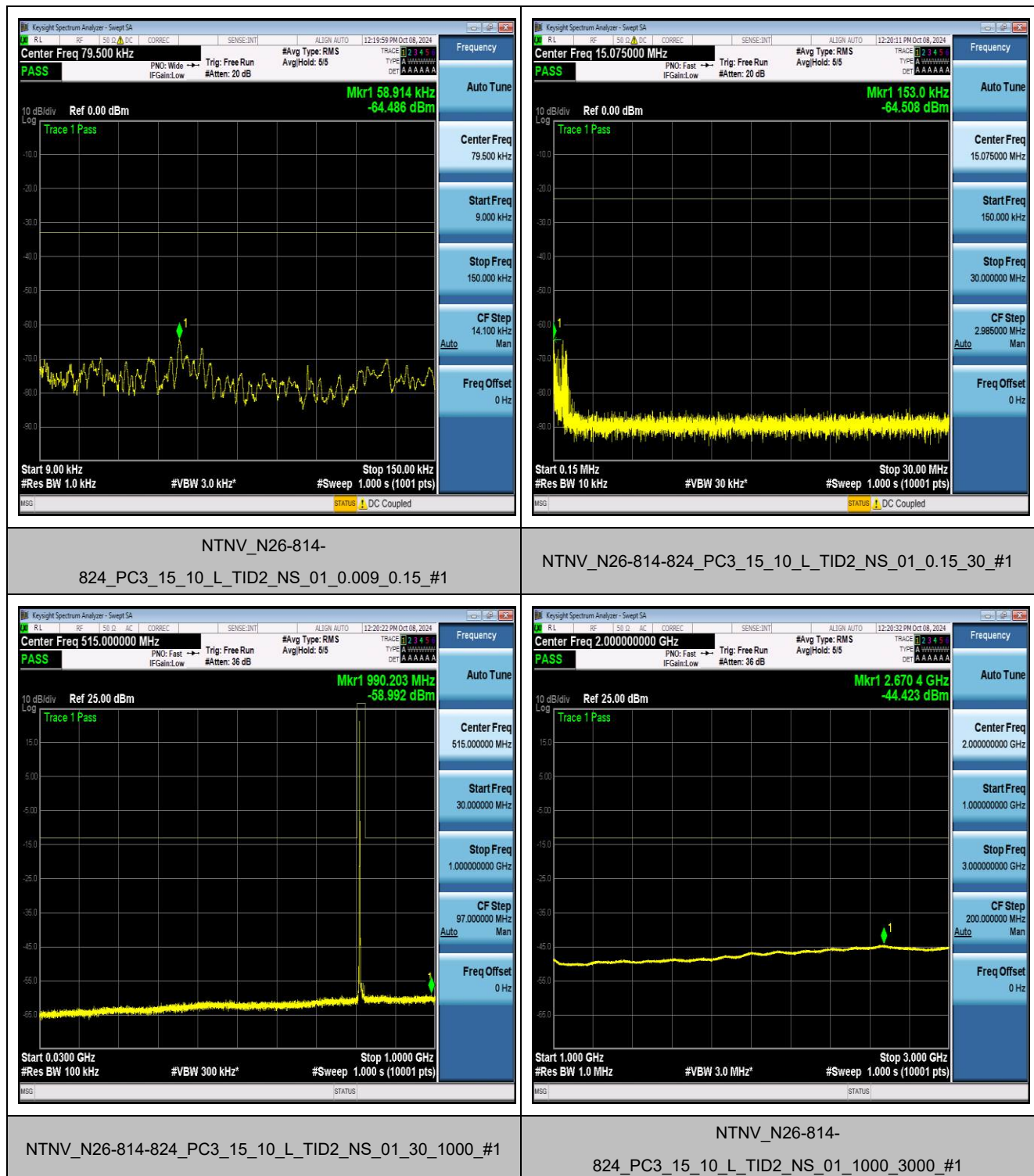


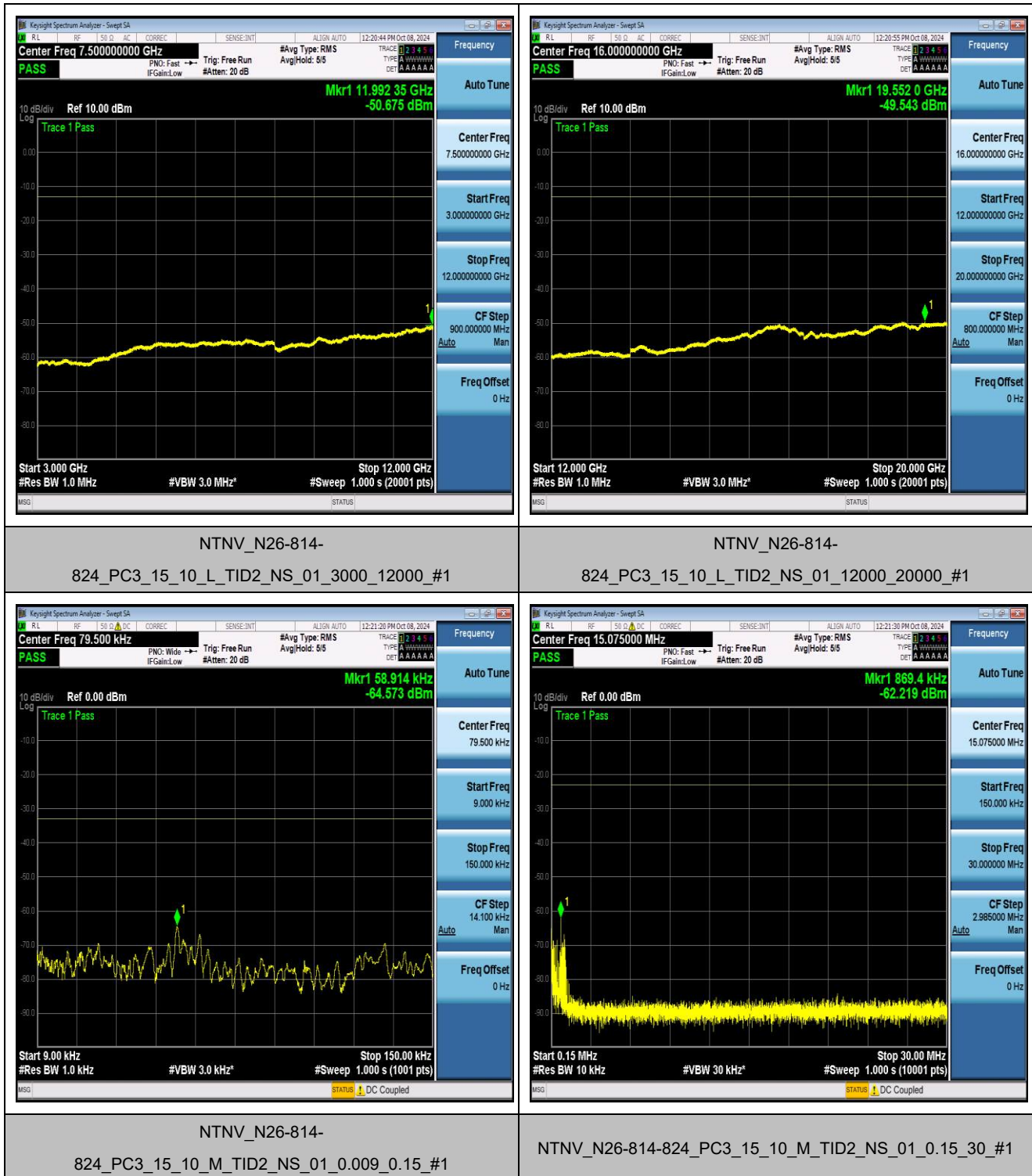


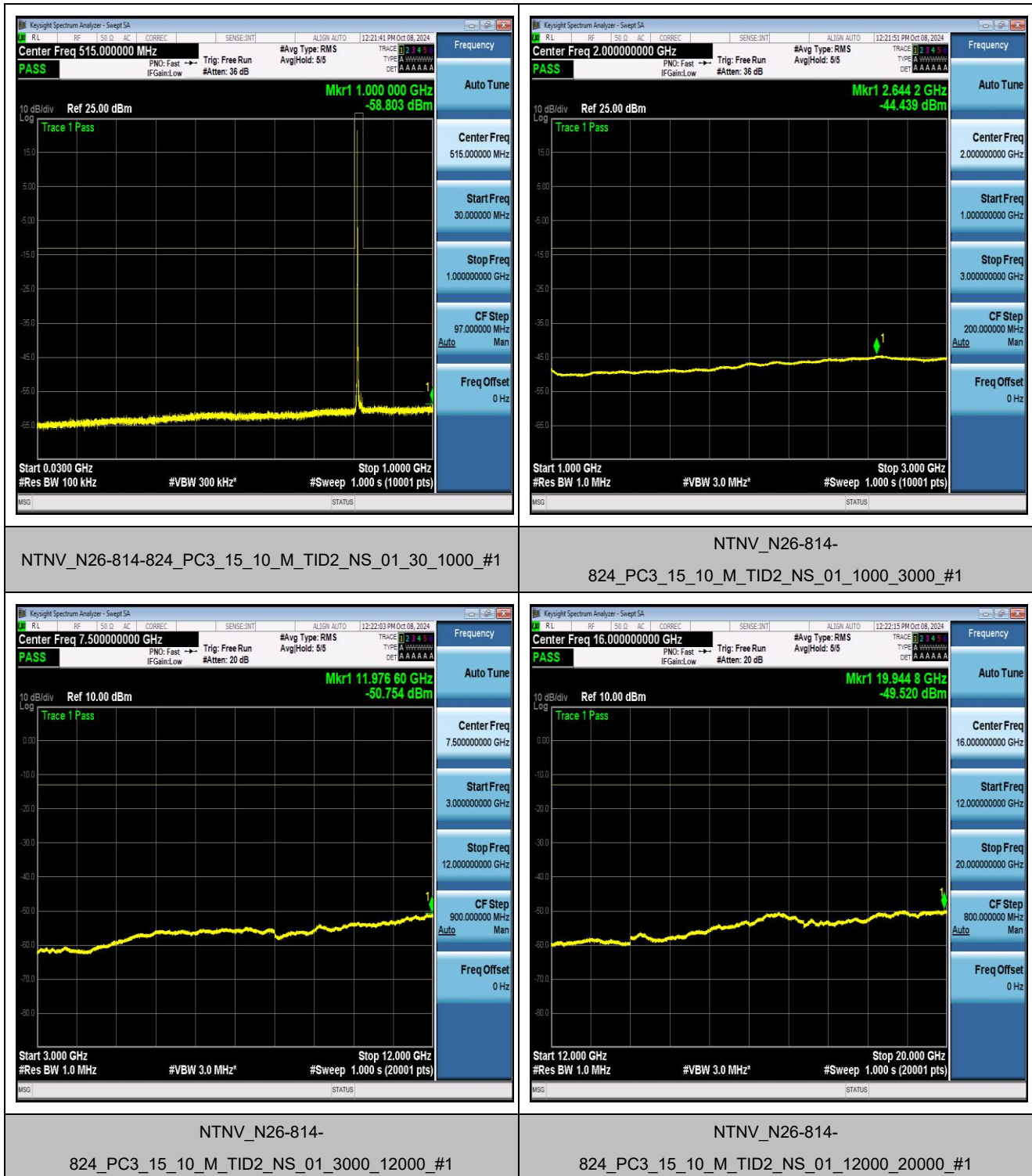


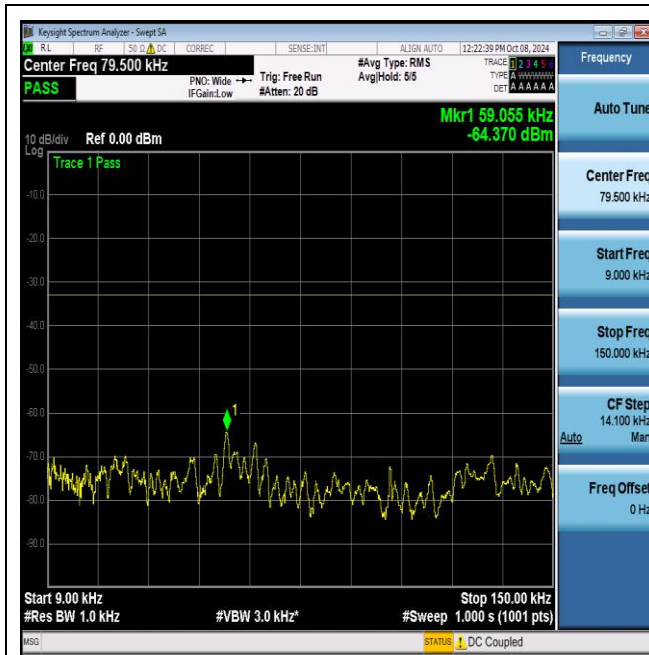
Conducted Spurious Emission for SA

Test Graphs

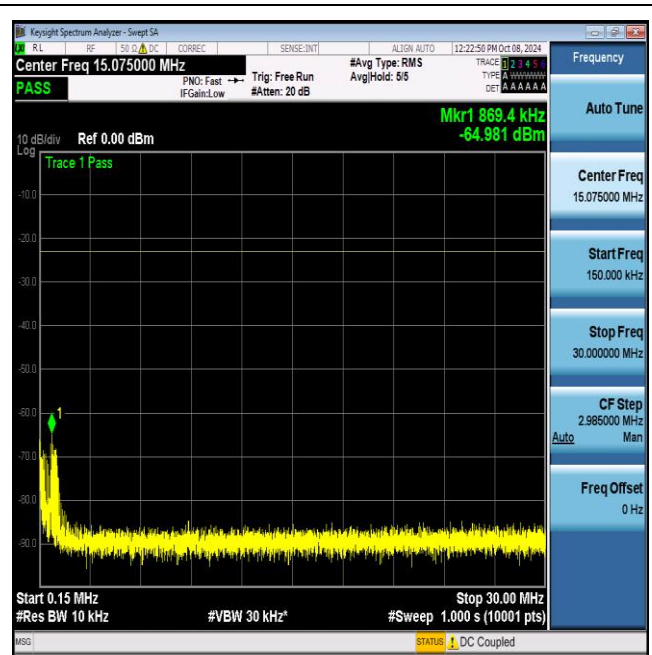




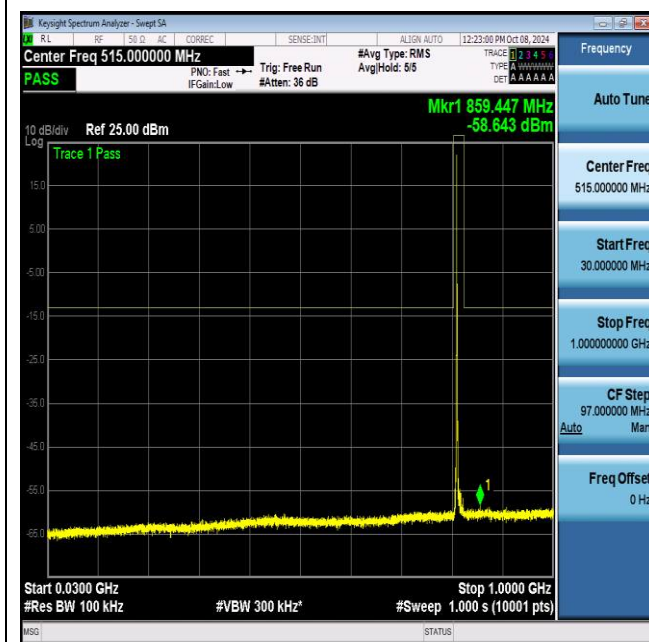




NTNV_N26-814-
824_PC3_15_10_H_TID2_NS_01_0.009_0.15_#1



NTNV_N26-814-824_PC3_15_10_H_TID2_NS_01_0.15_30_#1



NTNV_N26-814-824_PC3_15_10_H_TID2_NS_01_30_1000_#1



NTNV_N26-814-
824_PC3_15_10_H_TID2_NS_01_1000_3000_#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
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	-6.100000	-0.007448	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	-7.000000	-0.008547	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	-4.300000	-0.005250	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VL	NT	-2.300000	-0.002808	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VN	NT	-4.000000	-0.004884	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VH	NT	-4.300000	-0.005250	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	-5.500000	-0.006716	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.300000	-0.007692	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.700000	-0.005739	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.300000	-0.005250	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.000000	-0.006105	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-6.200000	-0.007570	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.100000	-0.007448	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.099999	-0.005006	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.099999	-0.005006	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-30	-1.700000	-0.002076	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-20	-3.600000	-0.004396	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-10	-5.500000	-0.006716	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	0	-3.900000	-0.004762	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	10	-2.900000	-0.003541	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	20	-5.100000	-0.006227	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	30	-2.000000	-0.002442	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	40	-2.200000	-0.002686	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	50	-1.200000	-0.001465	PASS

~The End~