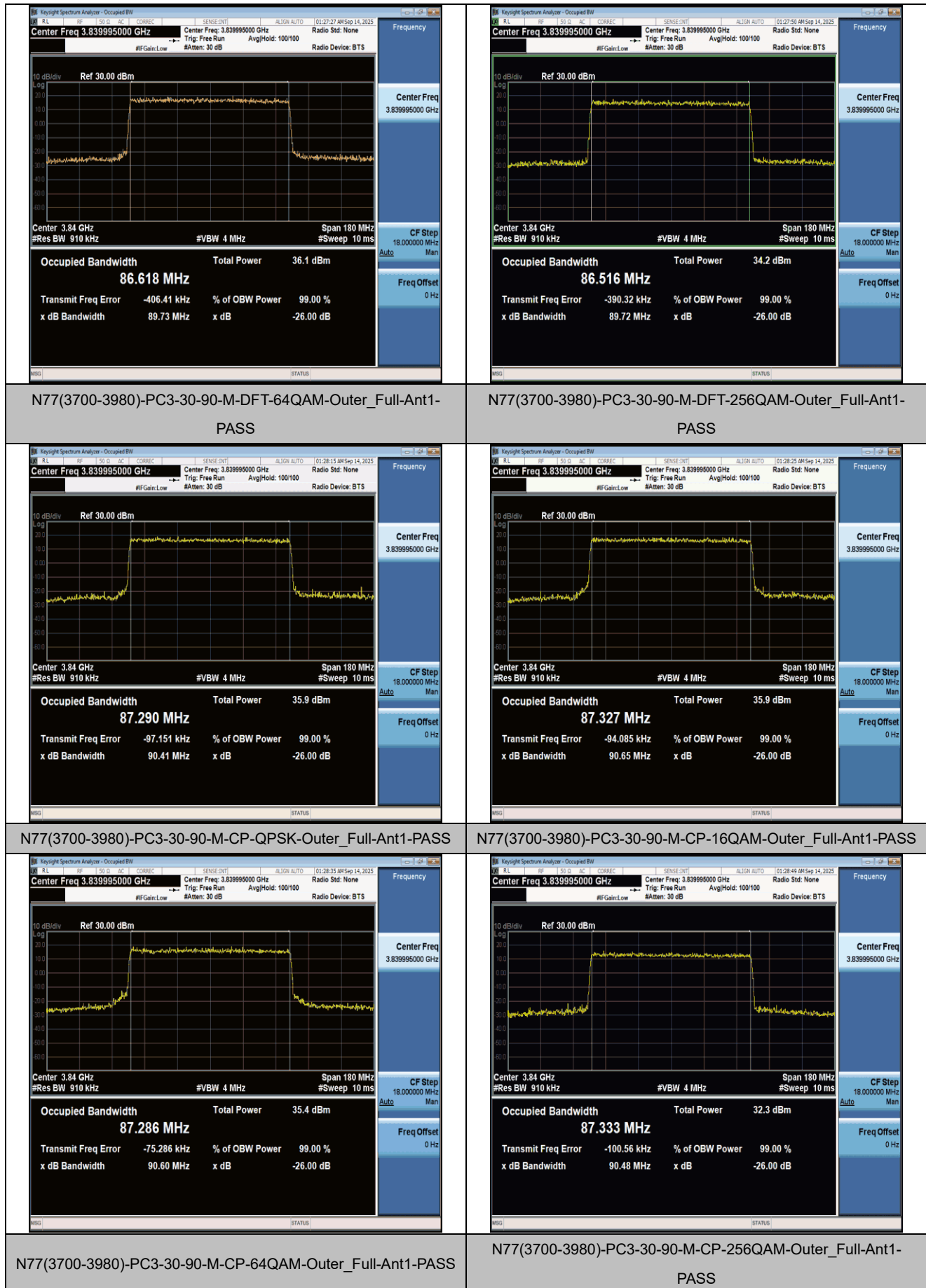
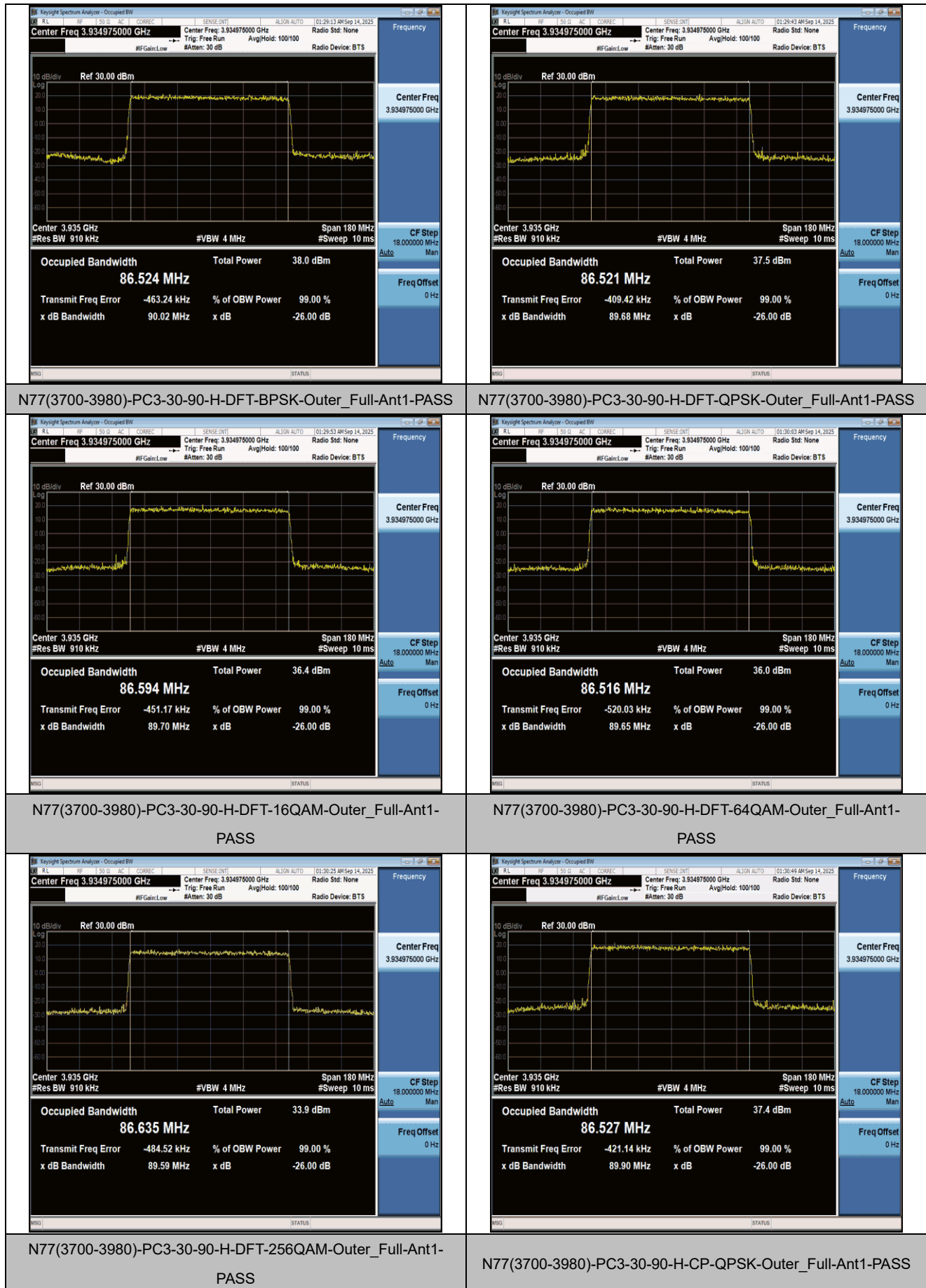
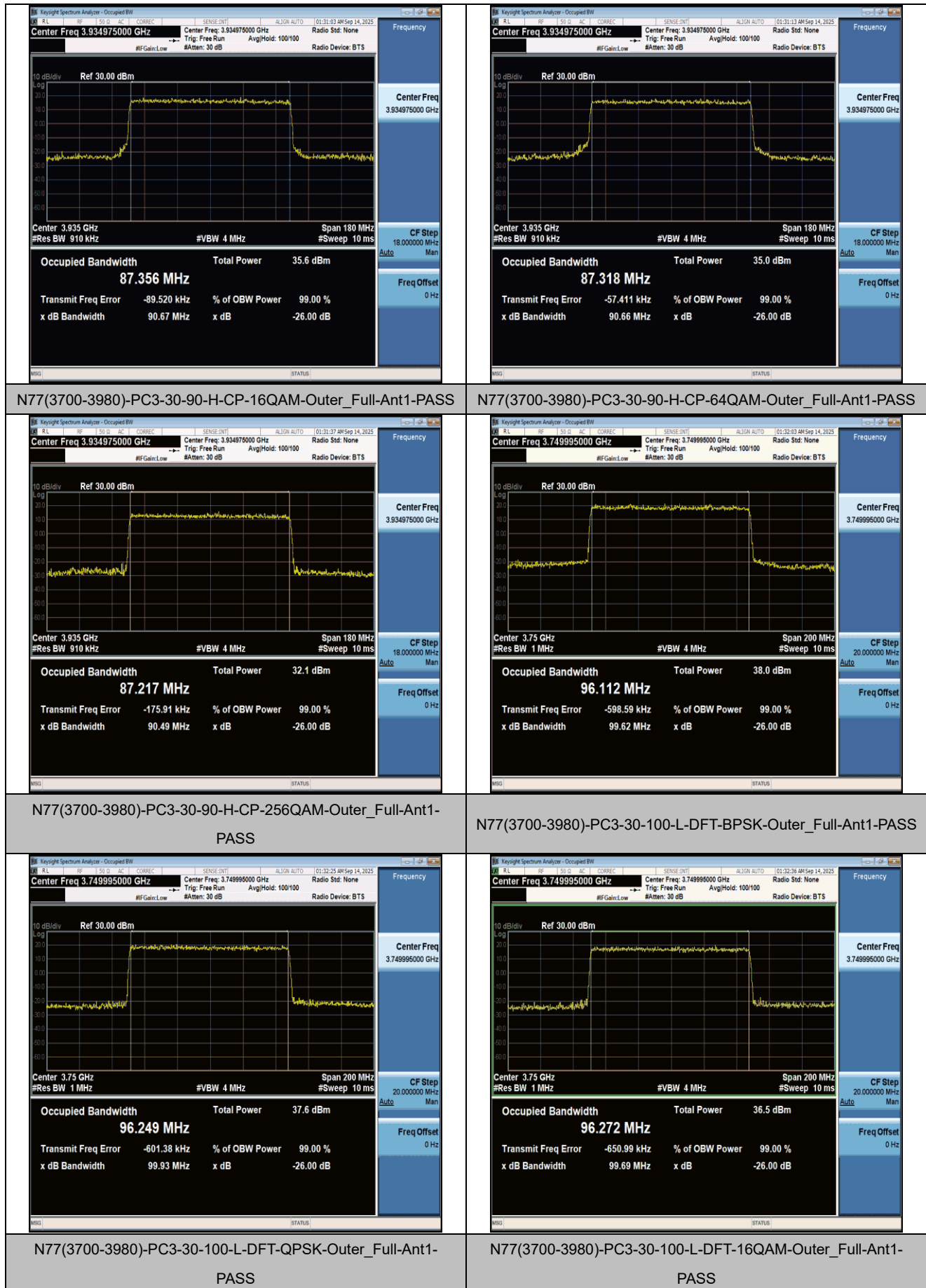
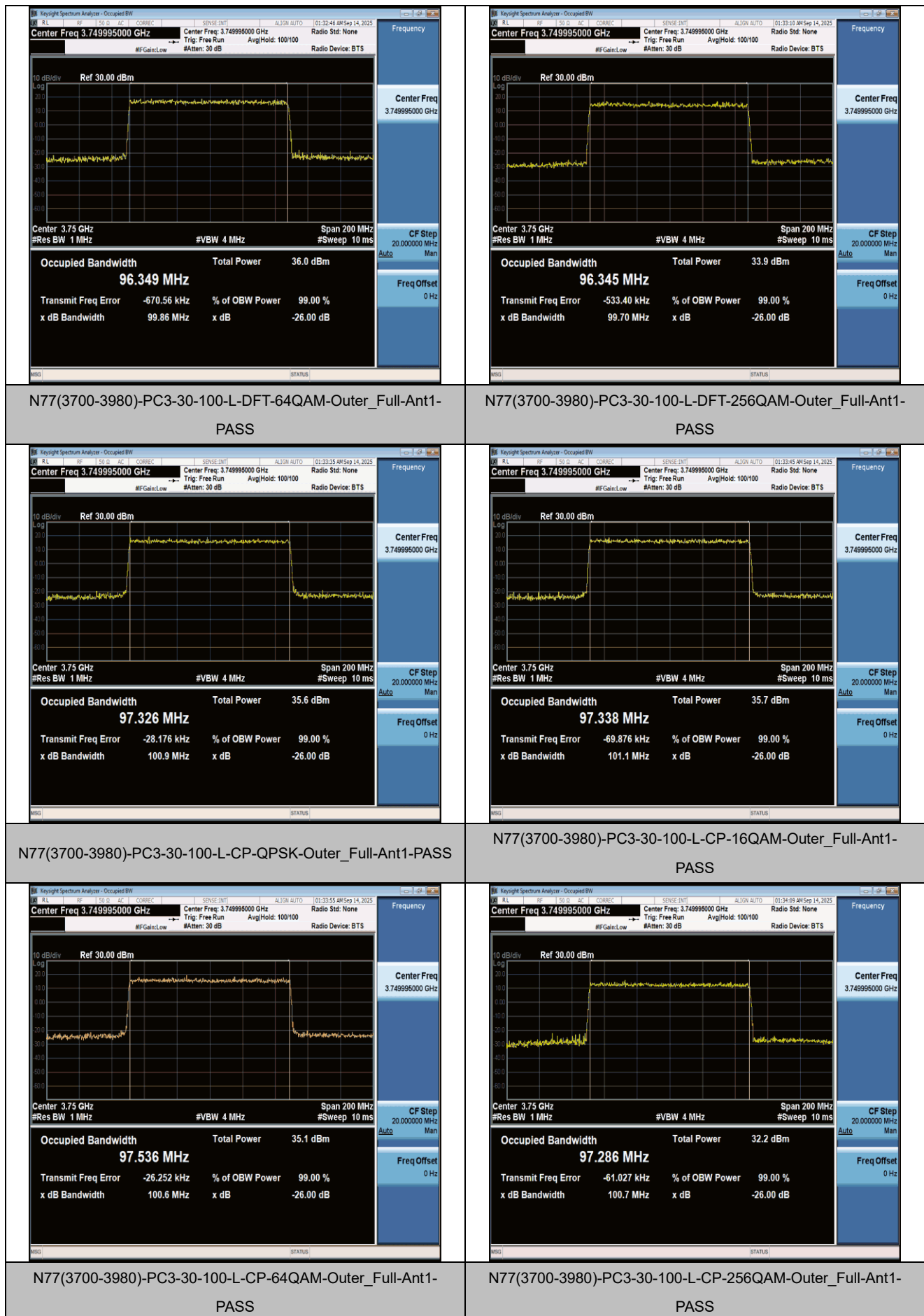
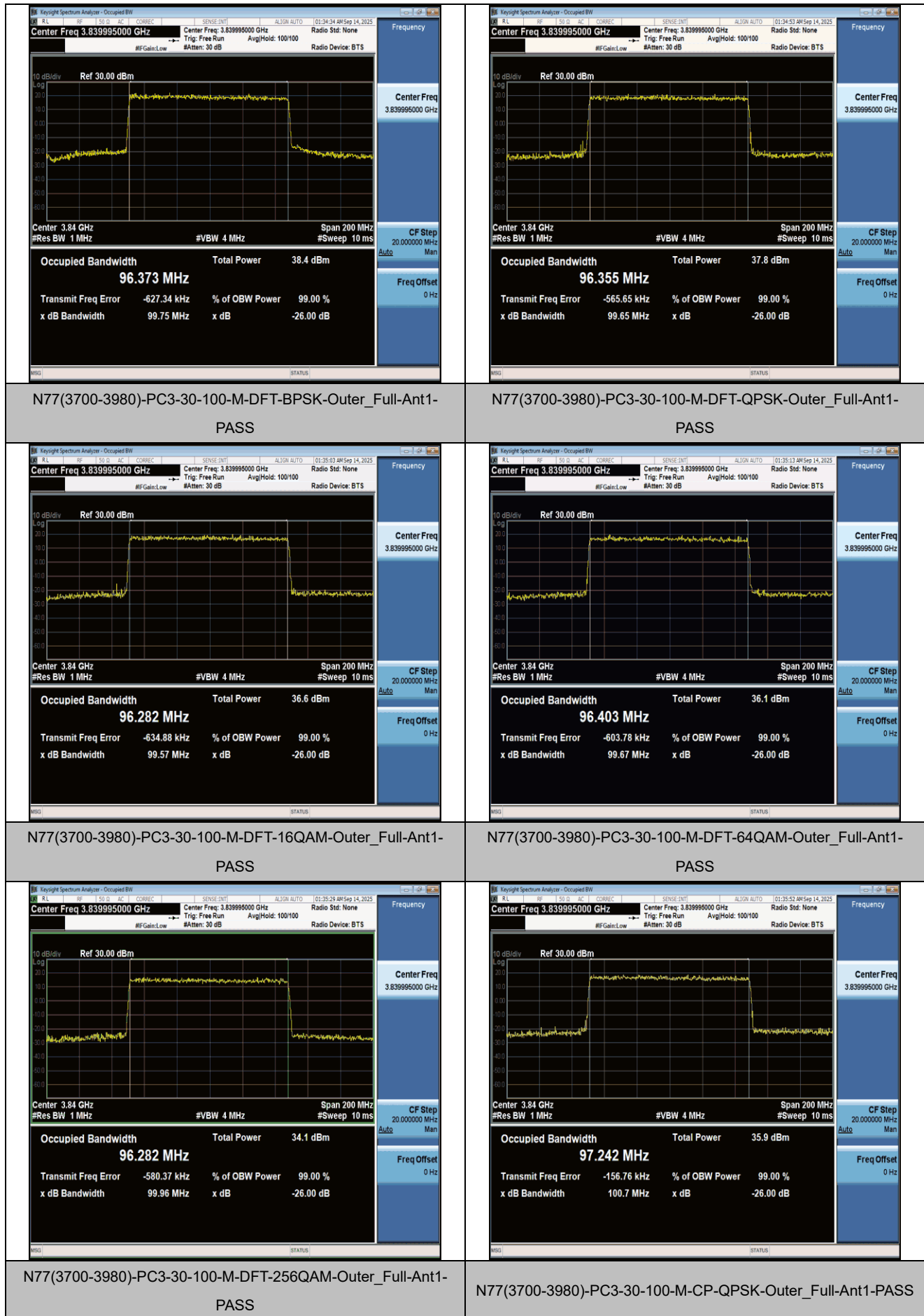


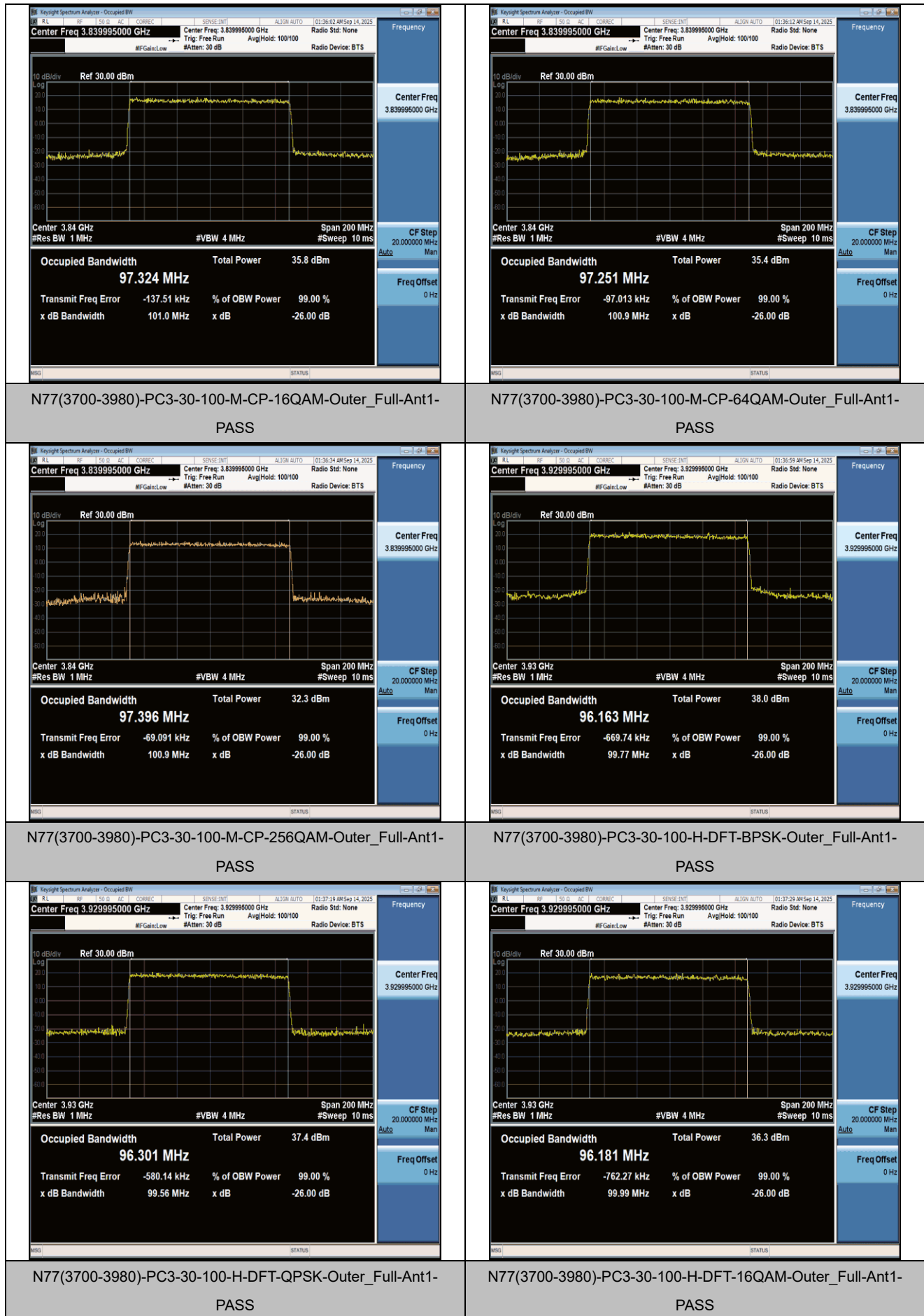


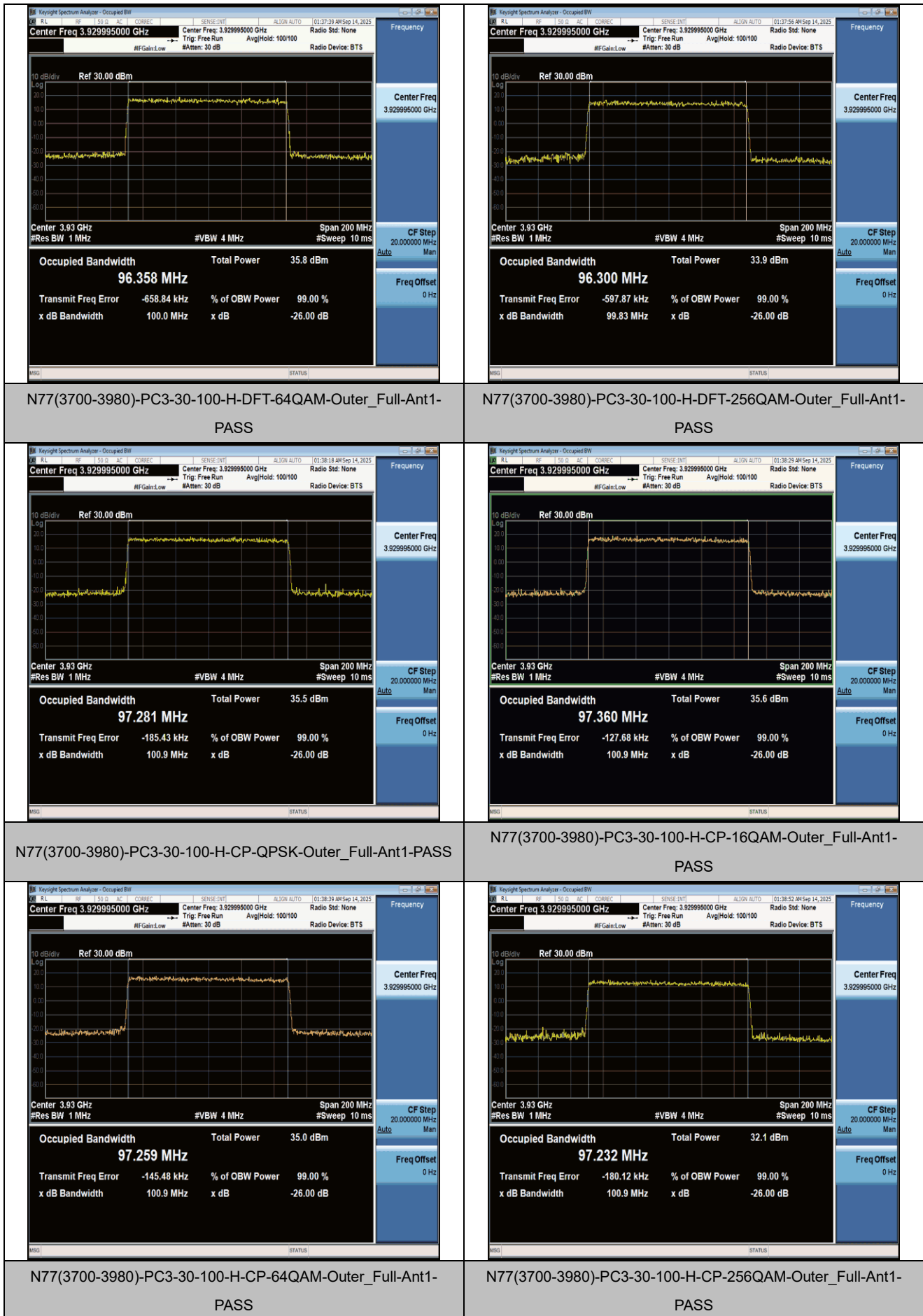






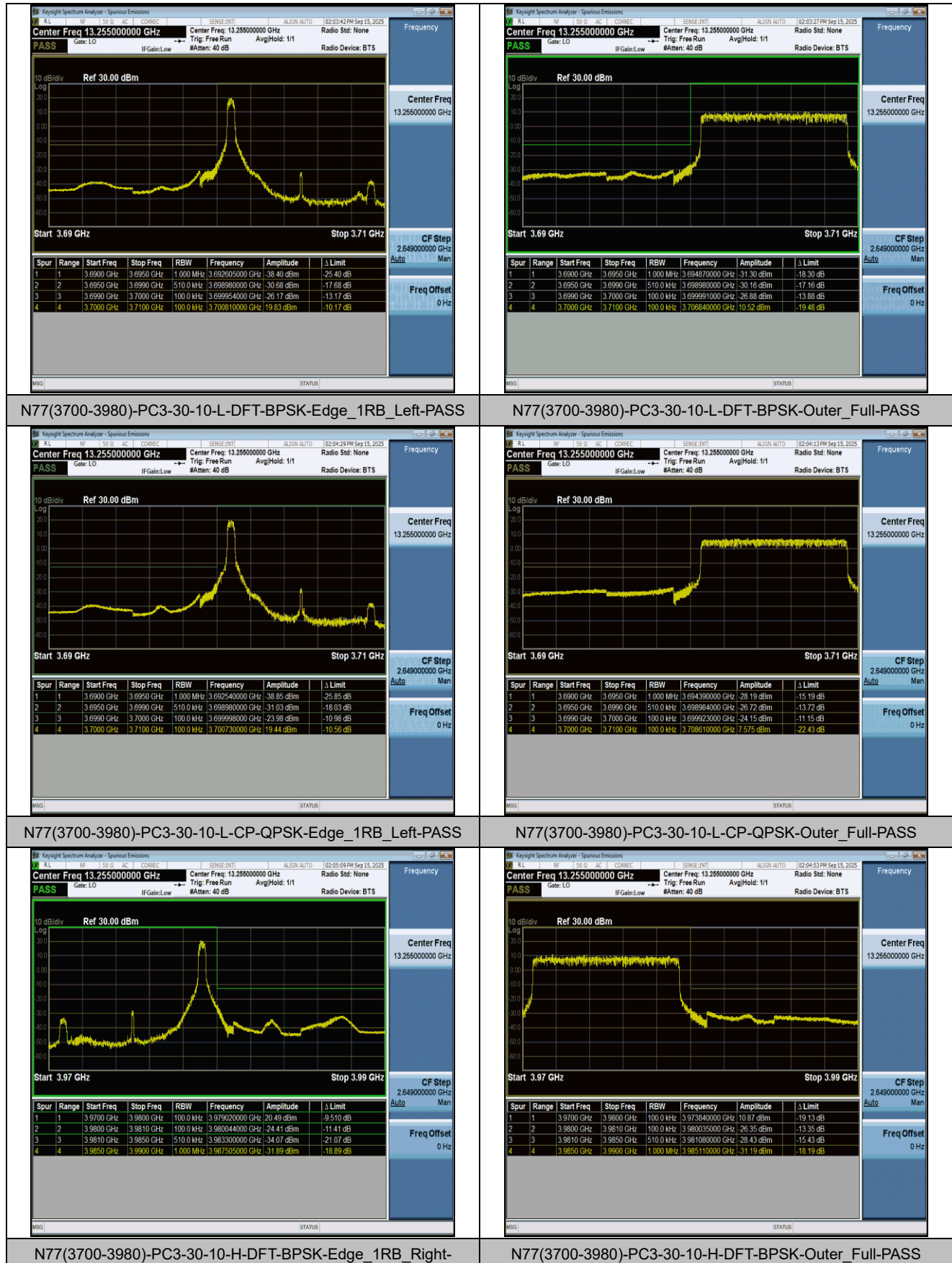




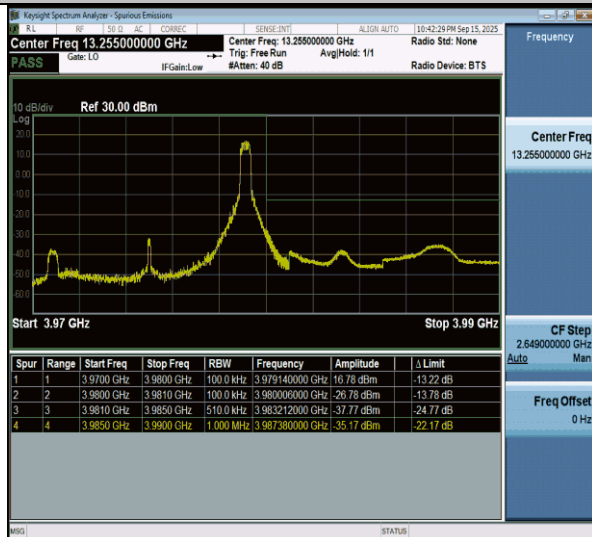


Band Edge for SA

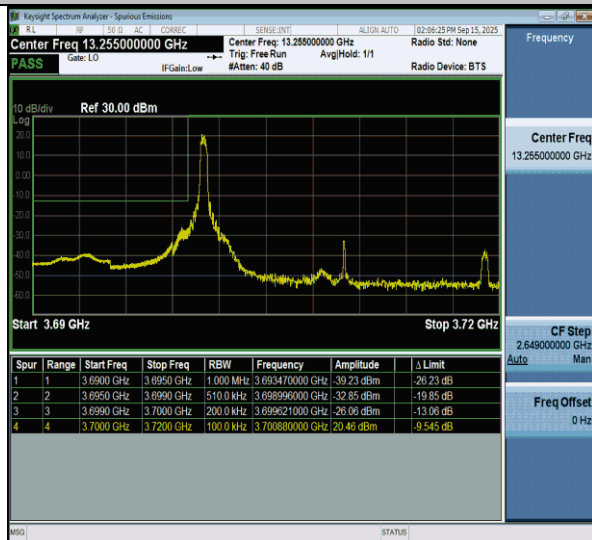
Test Graphs



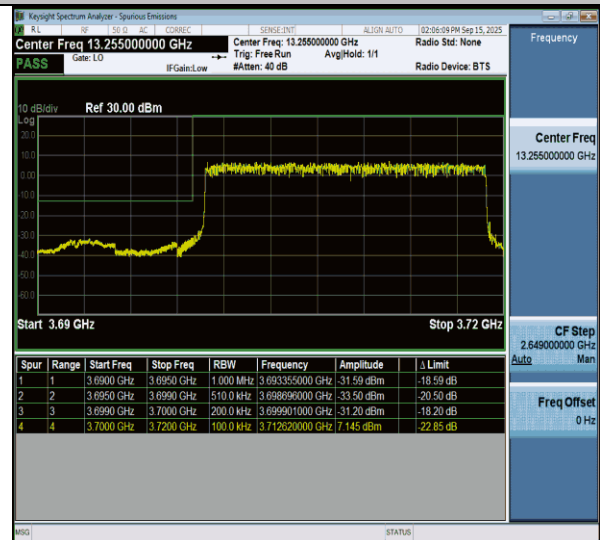
PASS



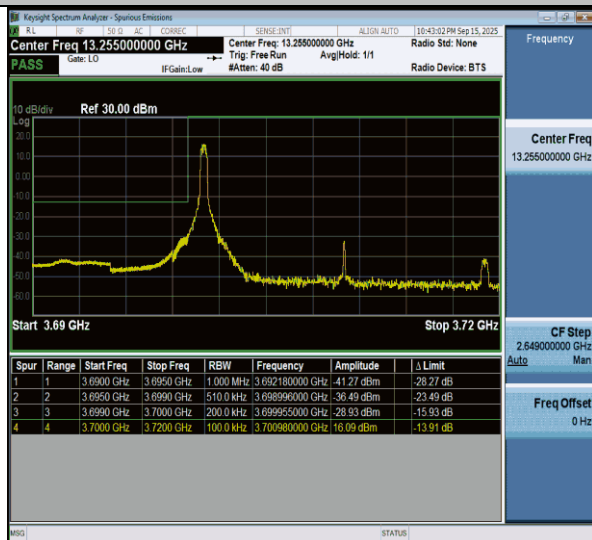
N77(3700-3980)-PC3-30-10-H-CP-QPSK-Edge_1RB_Right-PASS



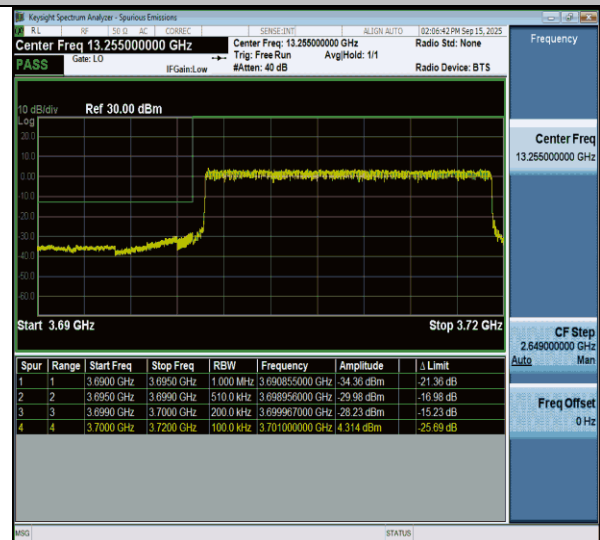
N77(3700-3980)-PC3-30-10-H-CP-QPSK-Outer_Full-PASS



N77(3700-3980)-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-PASS

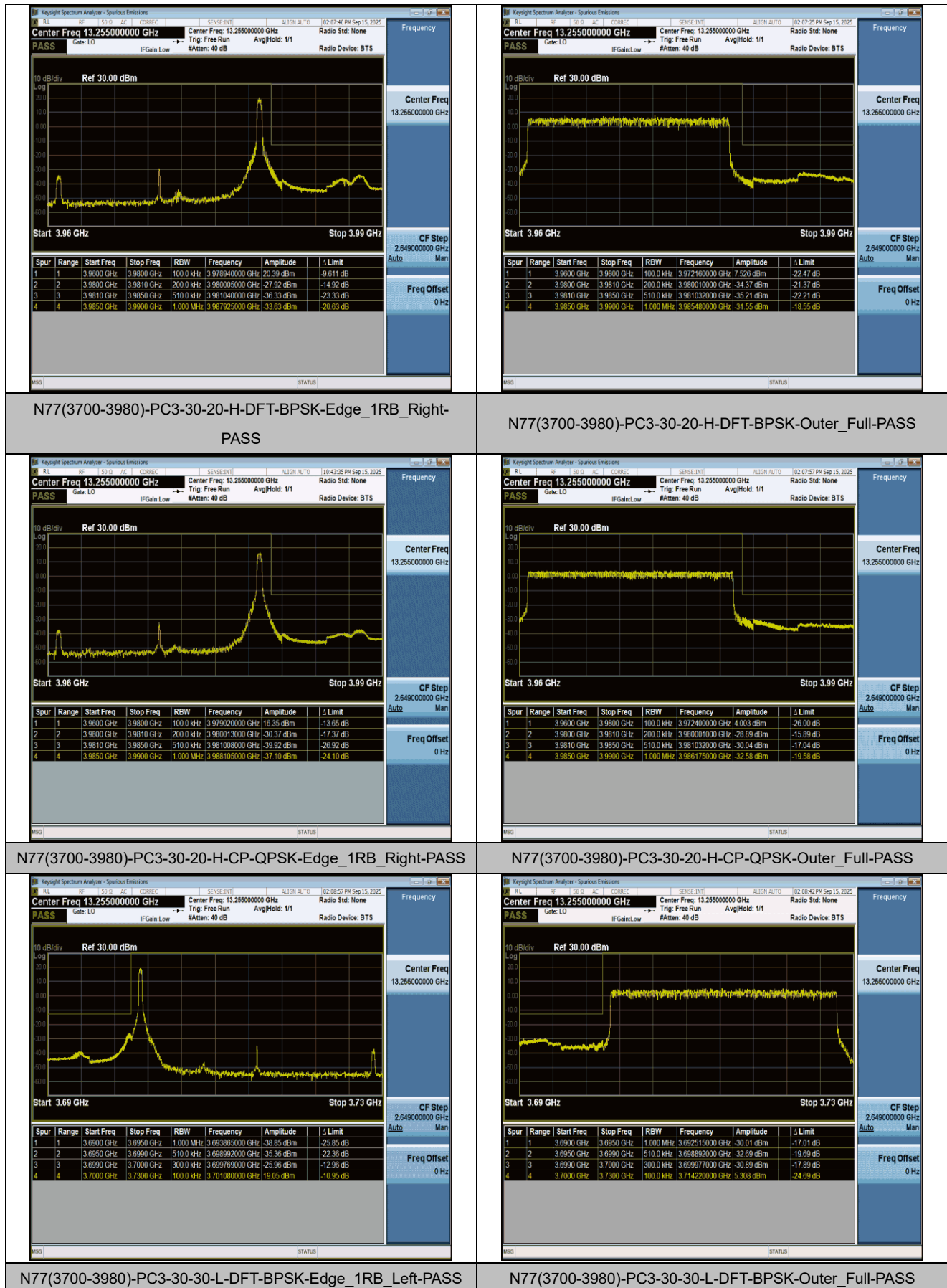


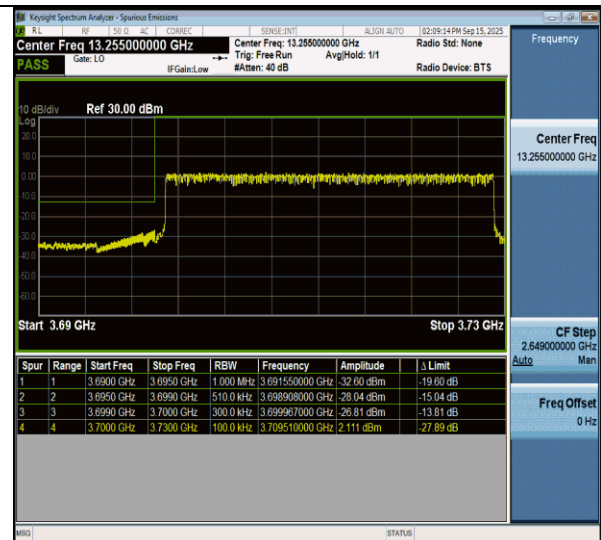
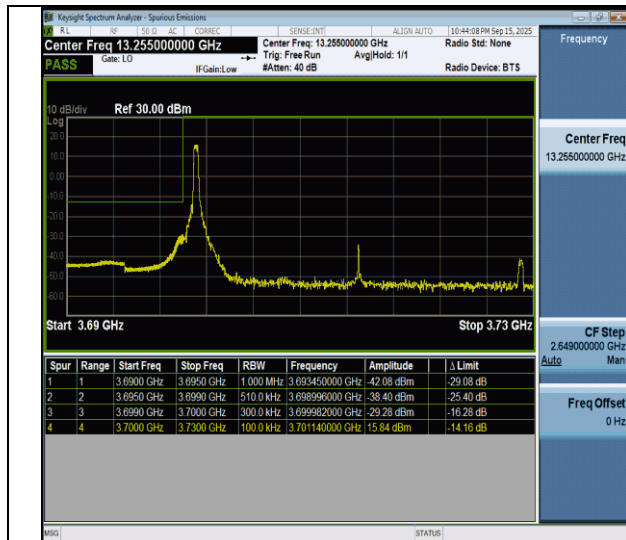
N77(3700-3980)-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



N77(3700-3980)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS

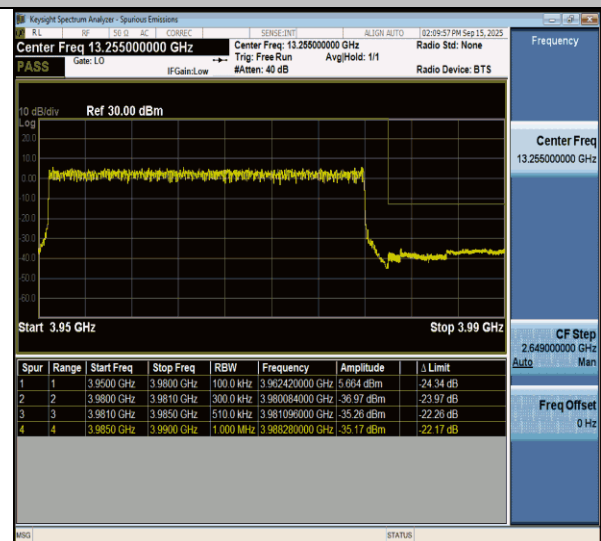
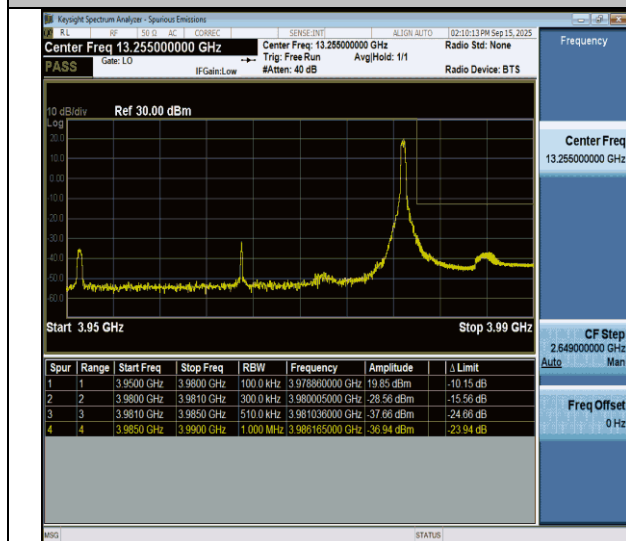
N77(3700-3980)-PC3-30-20-L-CP-QPSK-Outer_Full-PASS





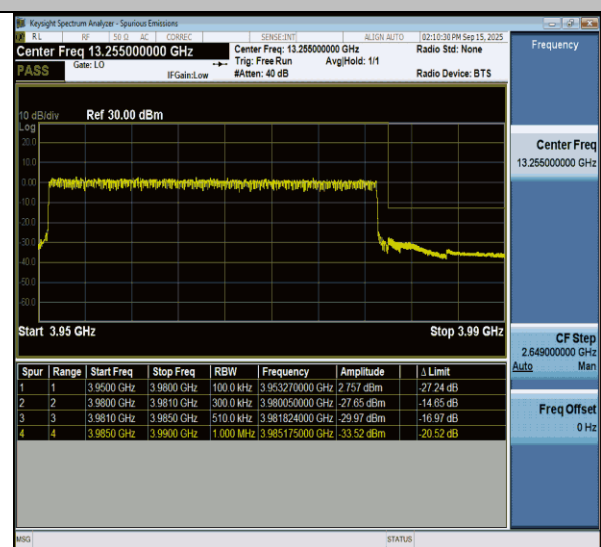
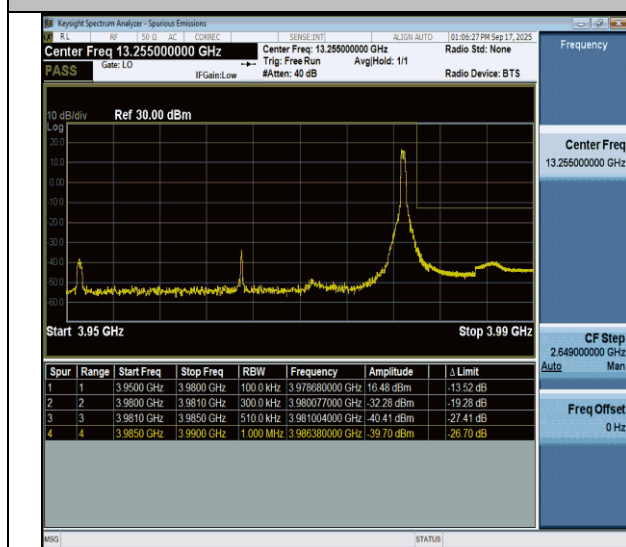
N77(3700-3980)-PC3-30-30-L-CP-QPSK-Edge_1RB_Left-PASS

N77(3700-3980)-PC3-30-30-L-CP-QPSK-Outer_Full-PASS



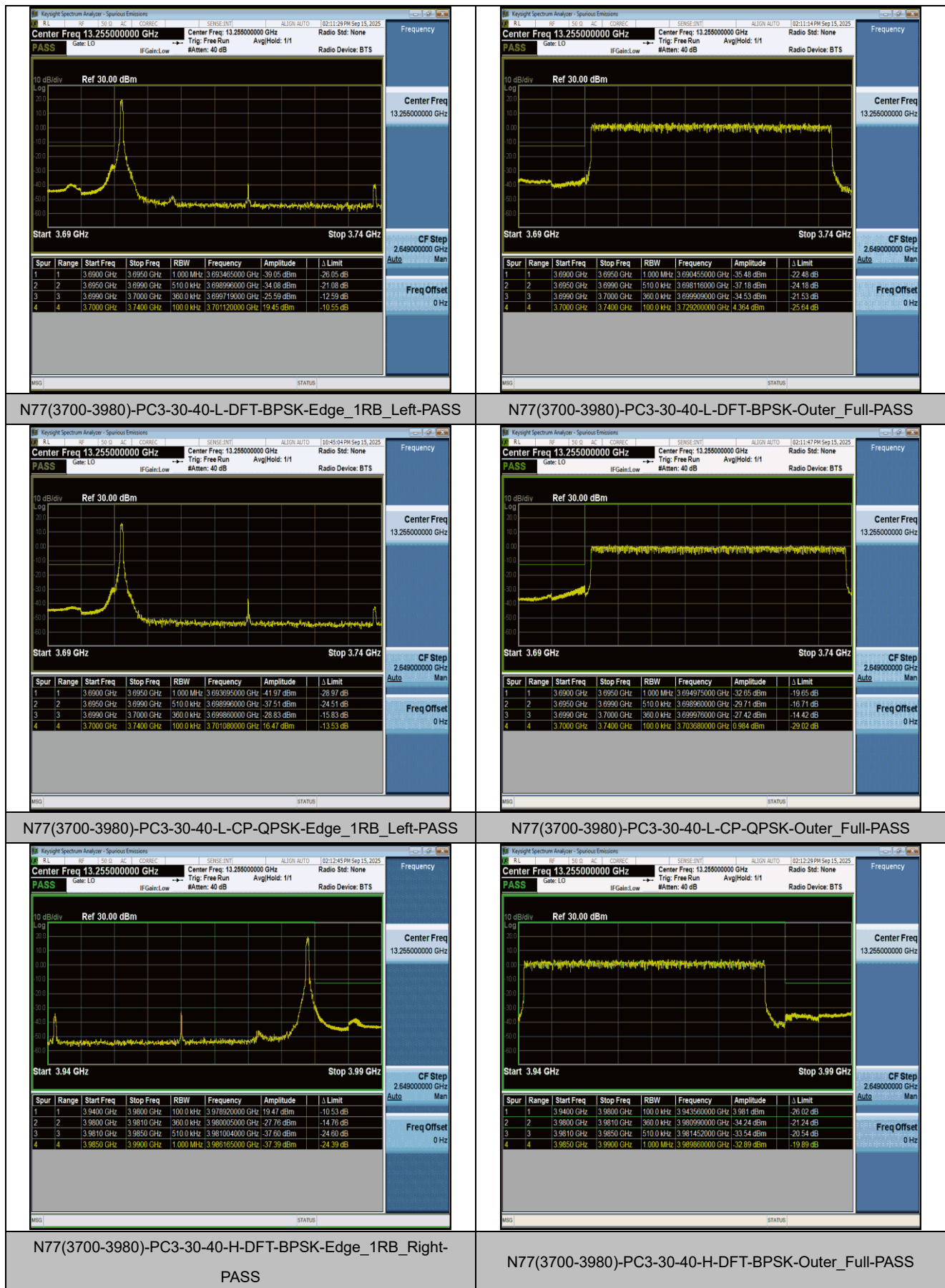
N77(3700-3980)-PC3-30-30-H-DFT-BPSK-Edge_1RB_Right-PASS

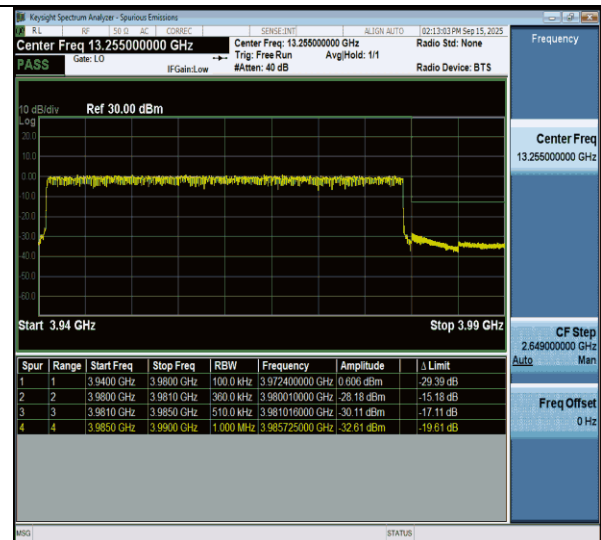
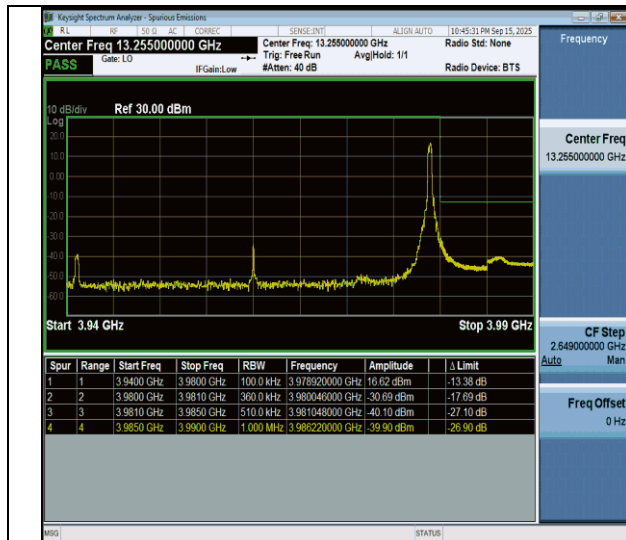
N77(3700-3980)-PC3-30-30-H-DFT-BPSK-Outer_Full-PASS



N77(3700-3980)-PC3-30-30-H-CP-QPSK-Edge_1RB_Right-PASS

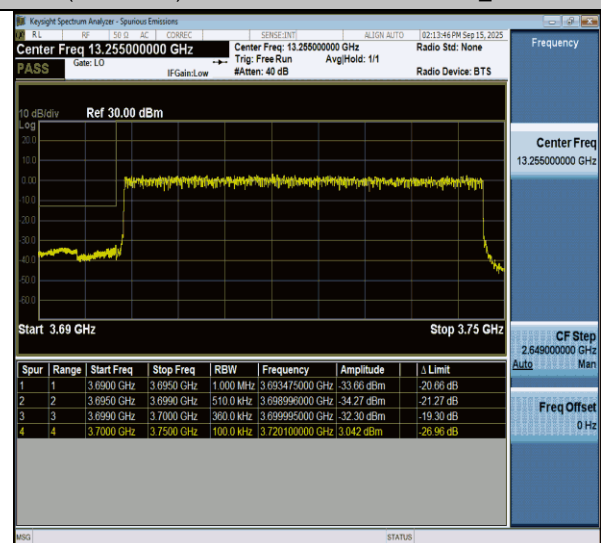
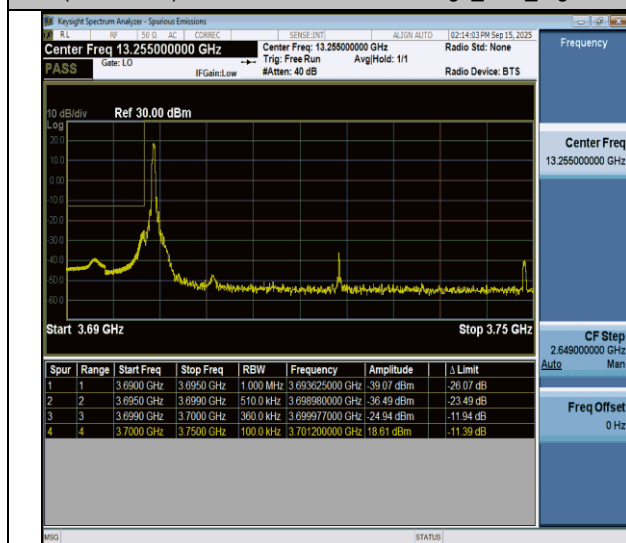
N77(3700-3980)-PC3-30-30-H-CP-QPSK-Outer_Full-PASS





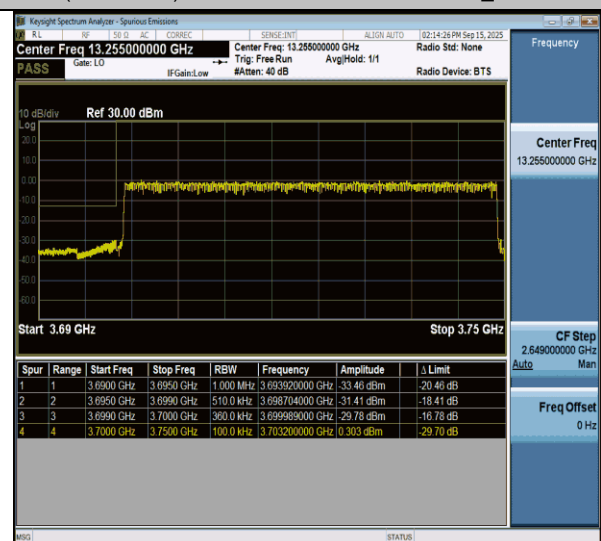
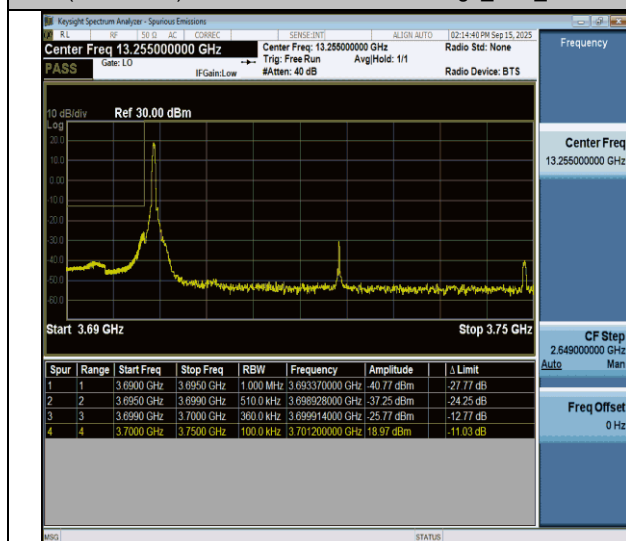
N77(3700-3980)-PC3-30-40-H-CP-QPSK-Edge_1RB_Right-PASS

N77(3700-3980)-PC3-30-40-H-CP-QPSK-Outer_Full-PASS



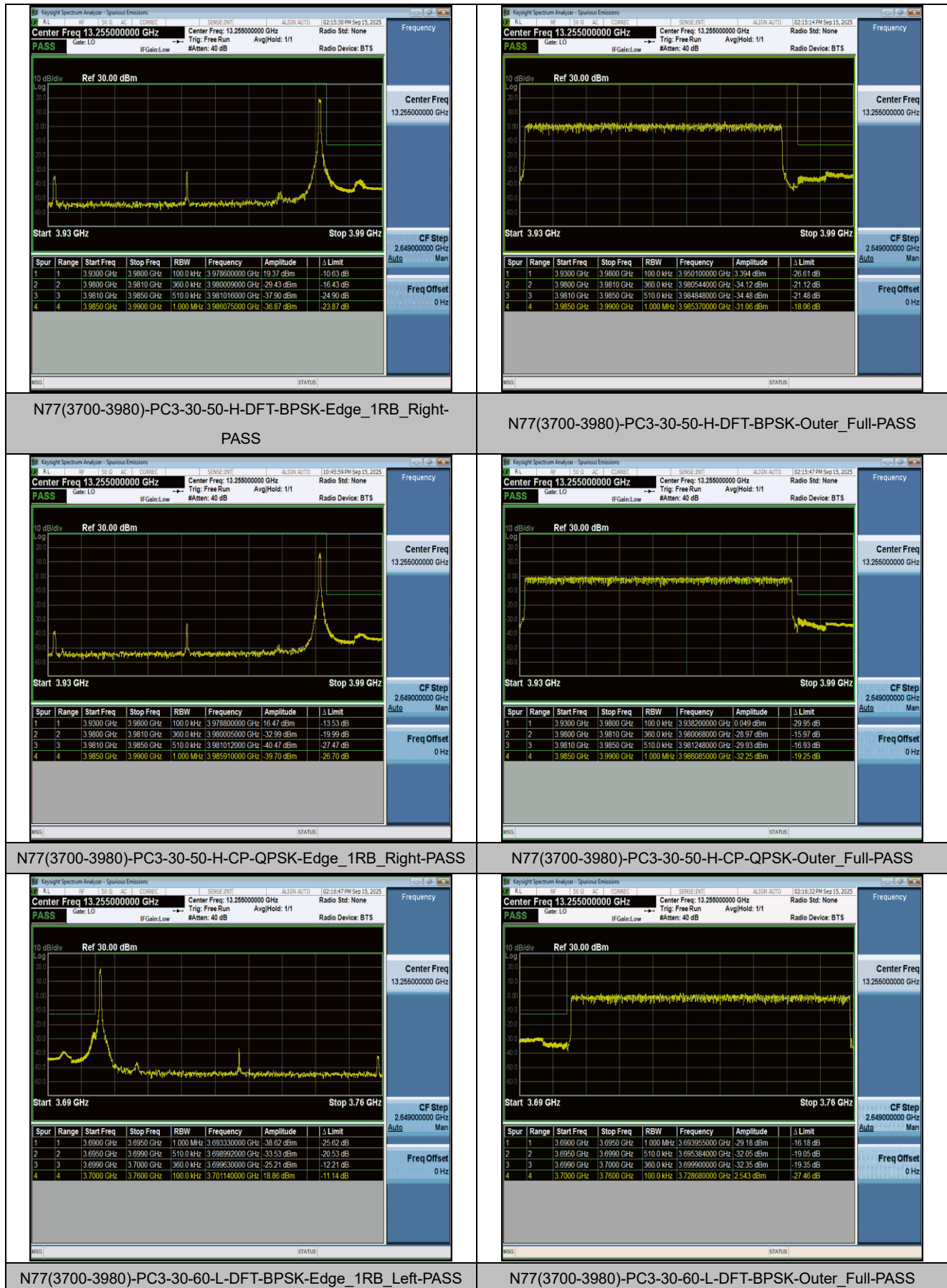
N77(3700-3980)-PC3-30-50-L-DFT-BPSK-Edge_1RB_Left-PASS

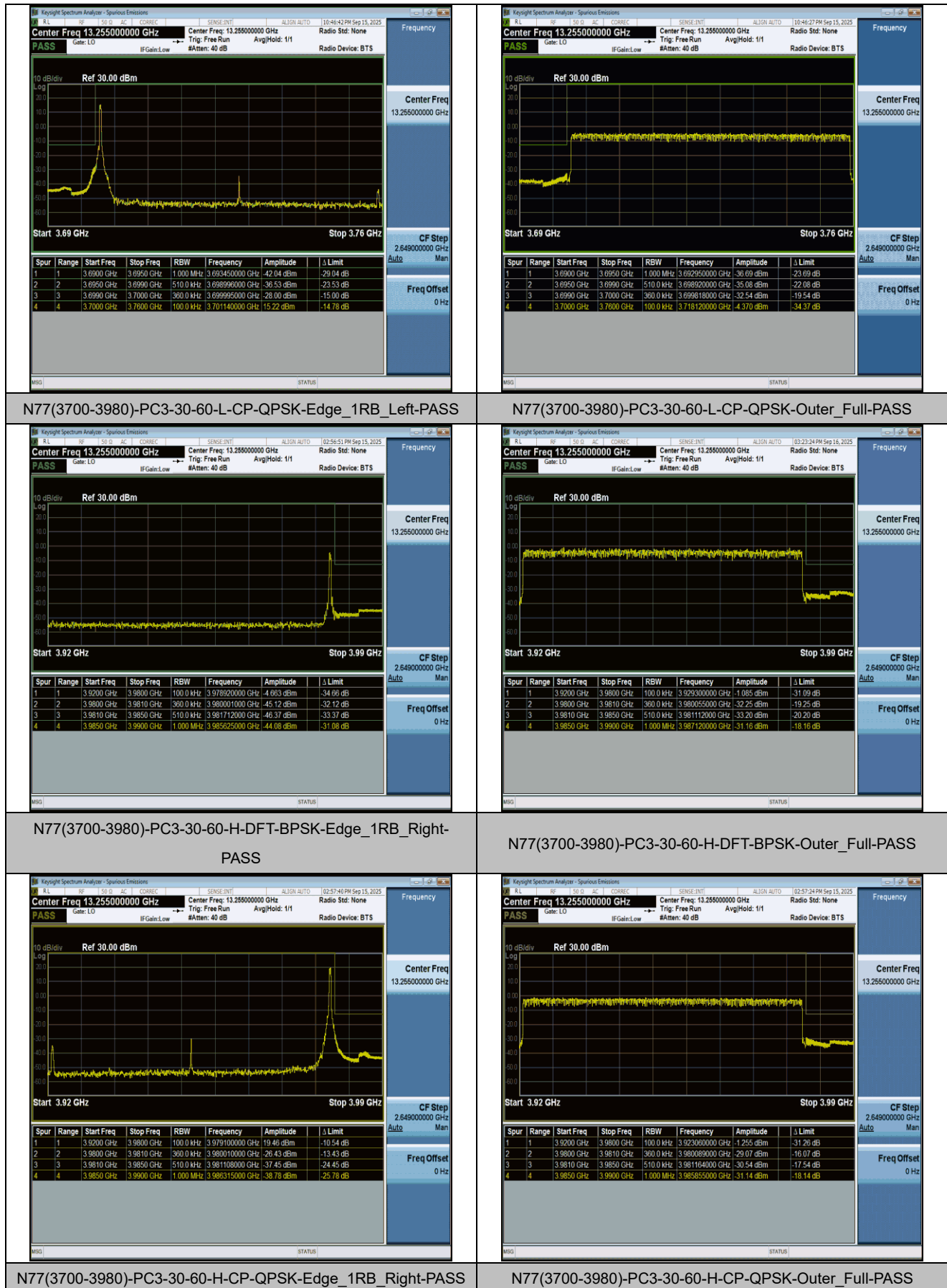
N77(3700-3980)-PC3-30-50-L-DFT-BPSK-Outer_Full-PASS

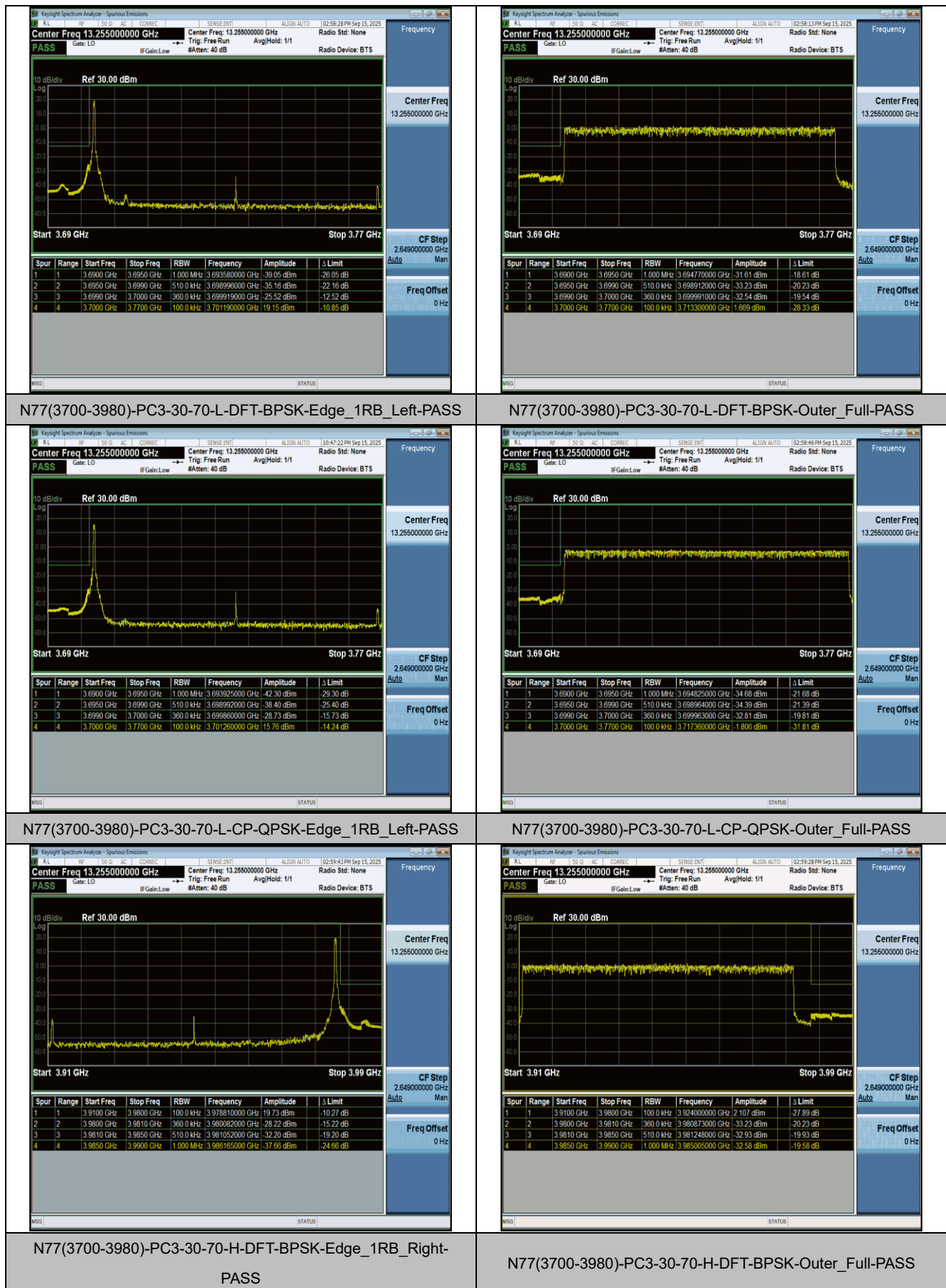


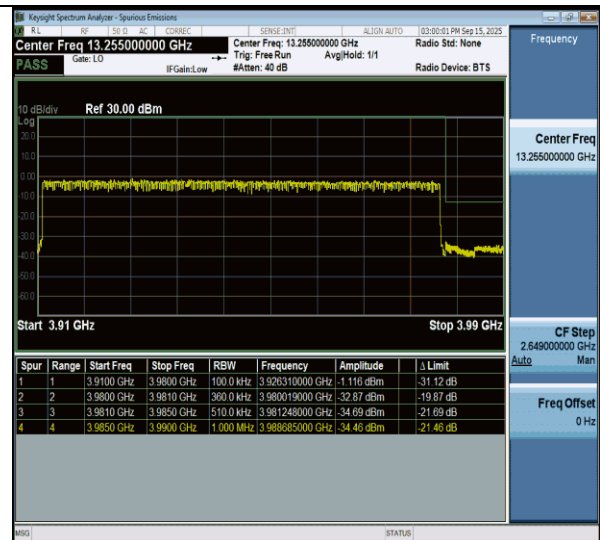
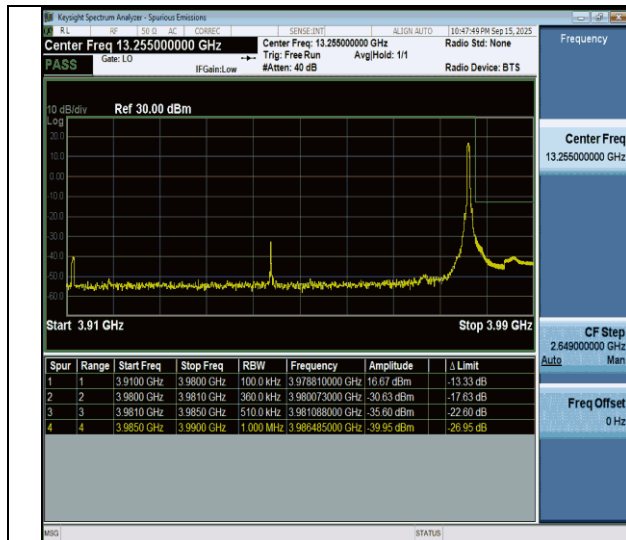
N77(3700-3980)-PC3-30-50-L-CP-QPSK-Edge_1RB_Left-PASS

N77(3700-3980)-PC3-30-50-L-CP-QPSK-Outer_Full-PASS



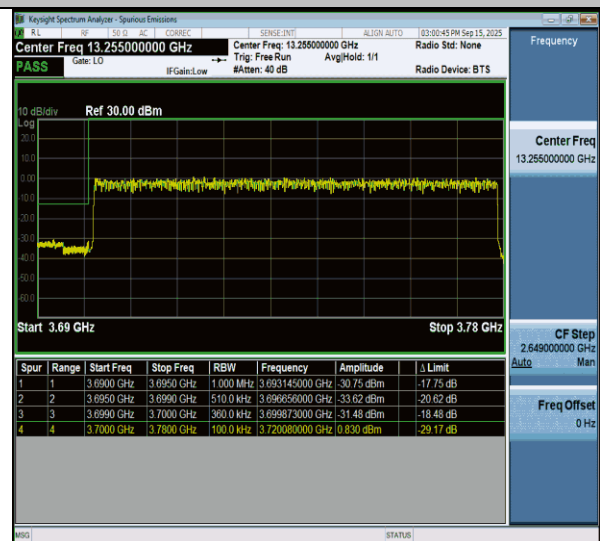
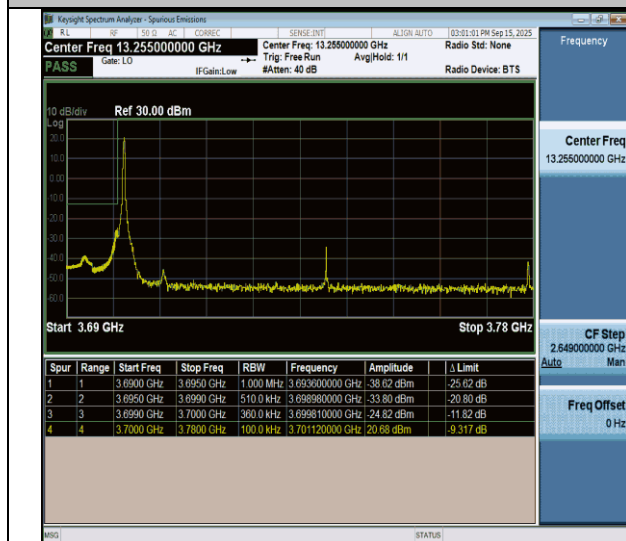






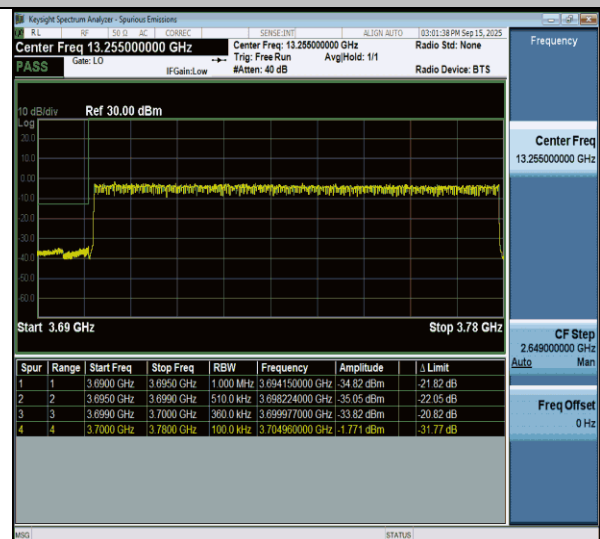
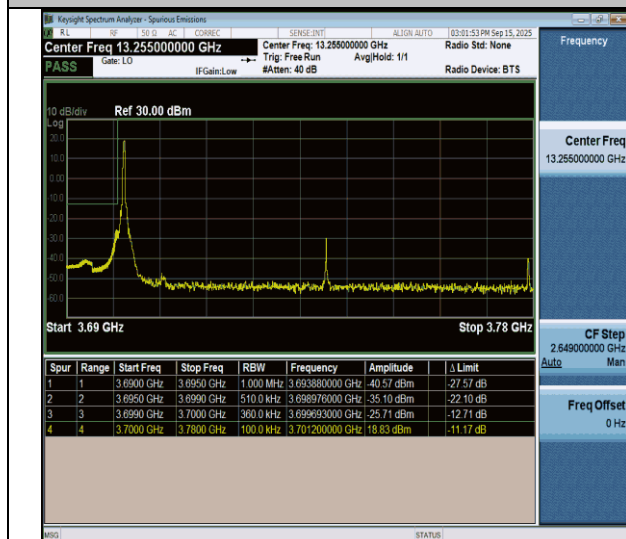
N77(3700-3980)-PC3-30-70-H-CP-QPSK-Edge_1RB_Right-PASS

N77(3700-3980)-PC3-30-70-H-CP-QPSK-Outer_Full-PASS



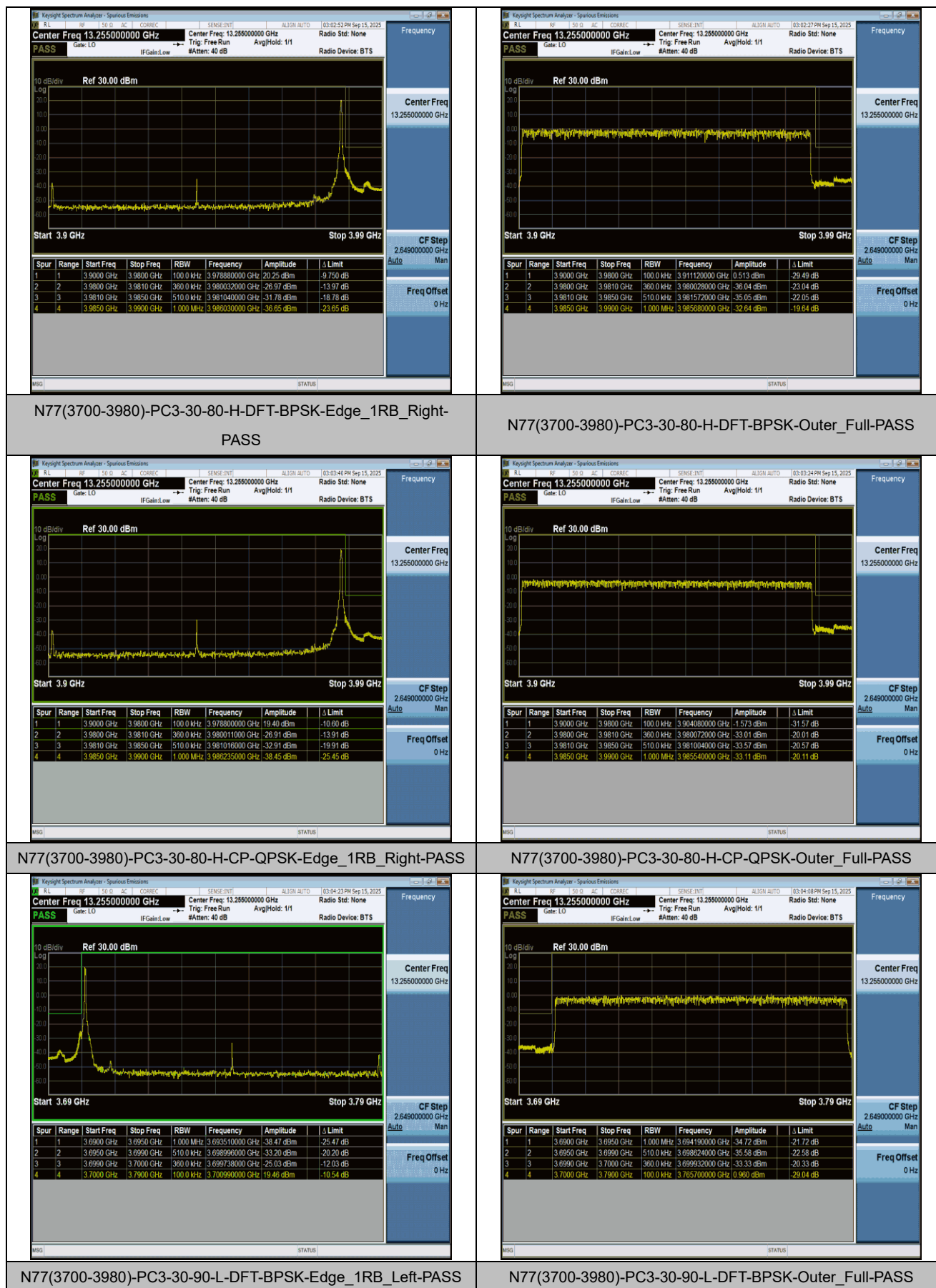
N77(3700-3980)-PC3-30-80-L-DFT-BPSK-Edge_1RB_Left-PASS

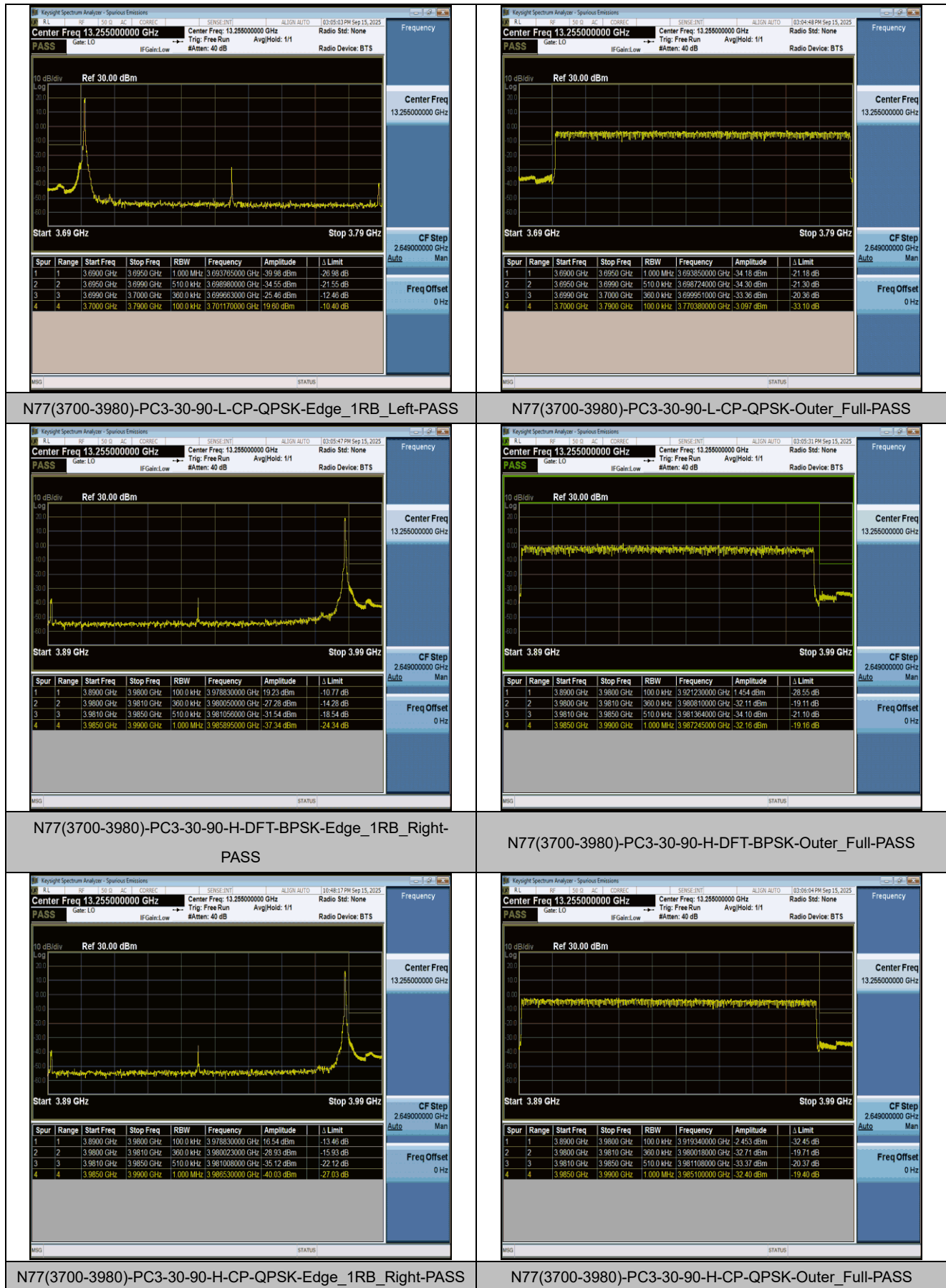
N77(3700-3980)-PC3-30-80-L-DFT-BPSK-Outer_Full-PASS

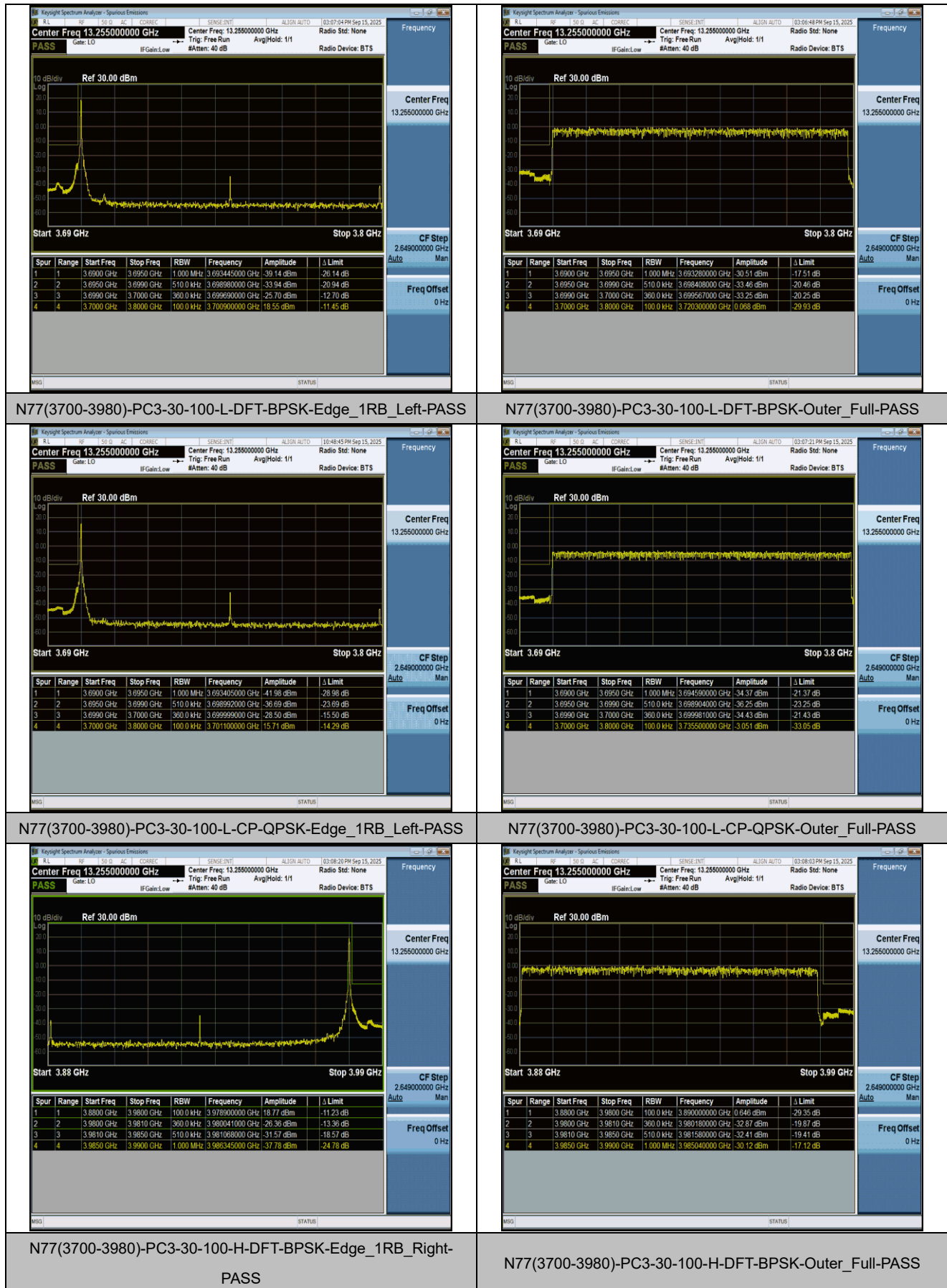


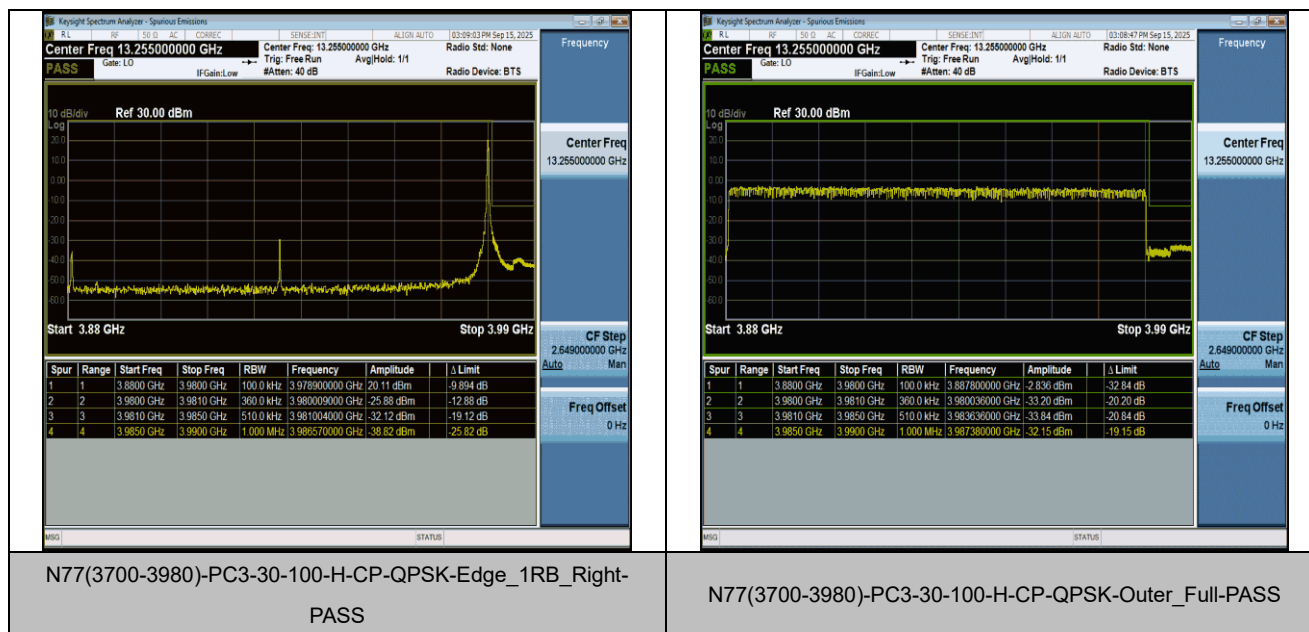
N77(3700-3980)-PC3-30-80-L-CP-QPSK-Edge_1RB_Left-PASS

N77(3700-3980)-PC3-30-80-L-CP-QPSK-Outer_Full-PASS



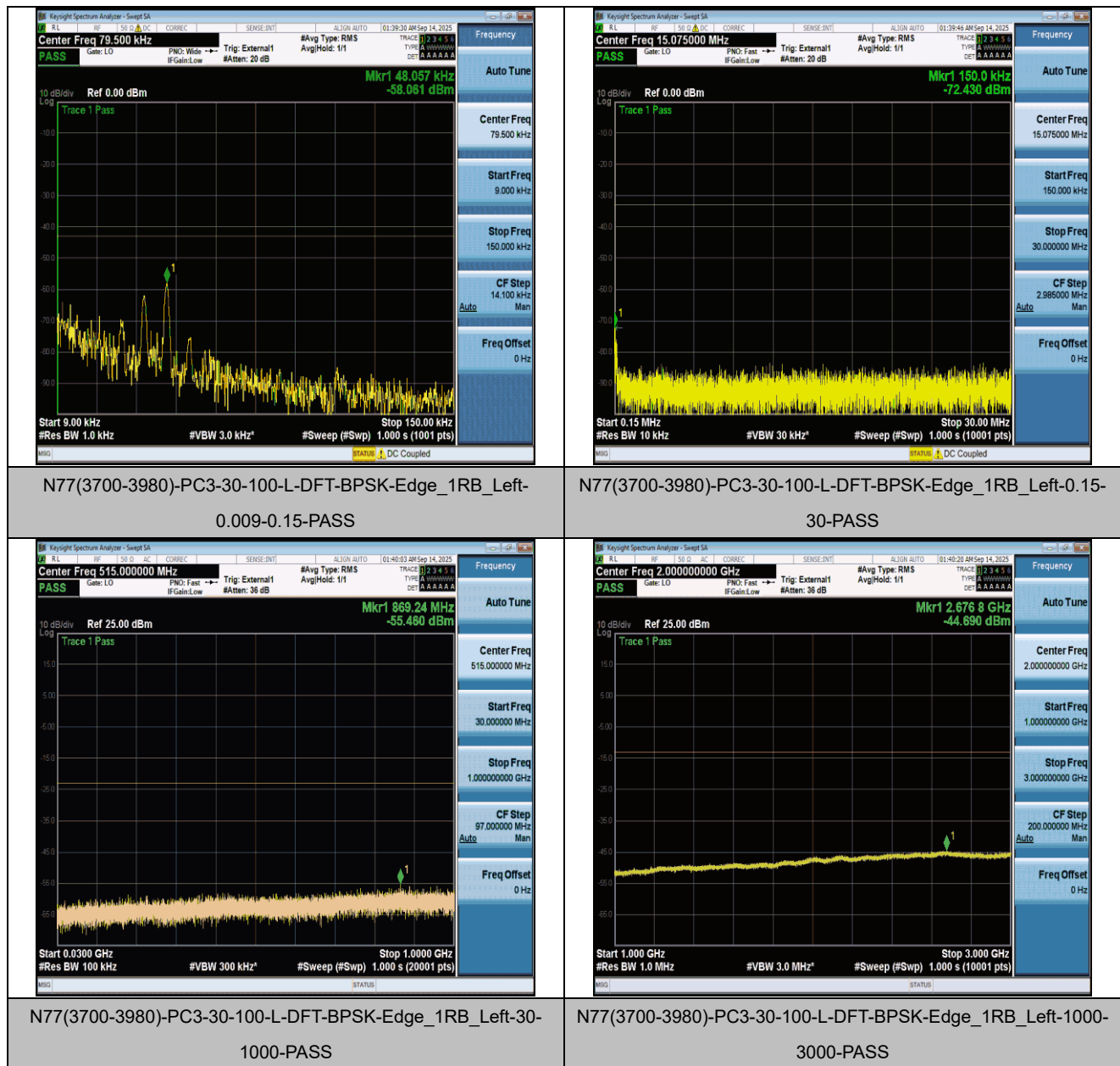


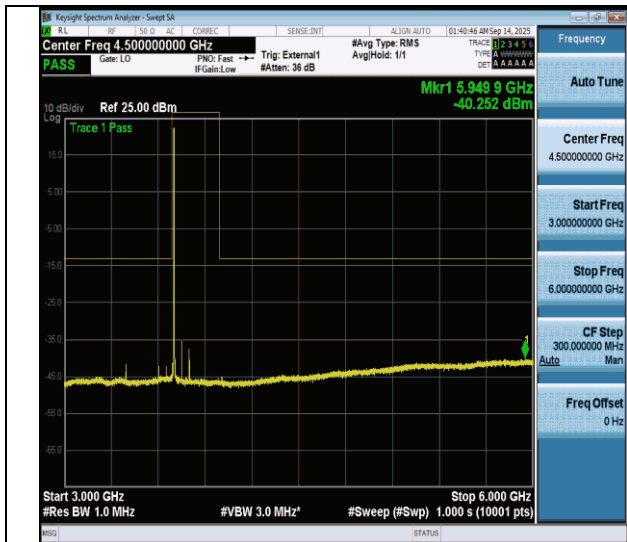




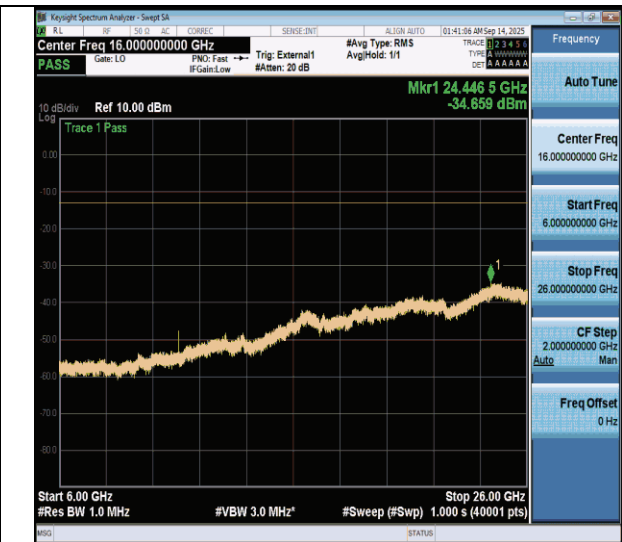
Conducted Spurious Emission for SA

Test Graphs

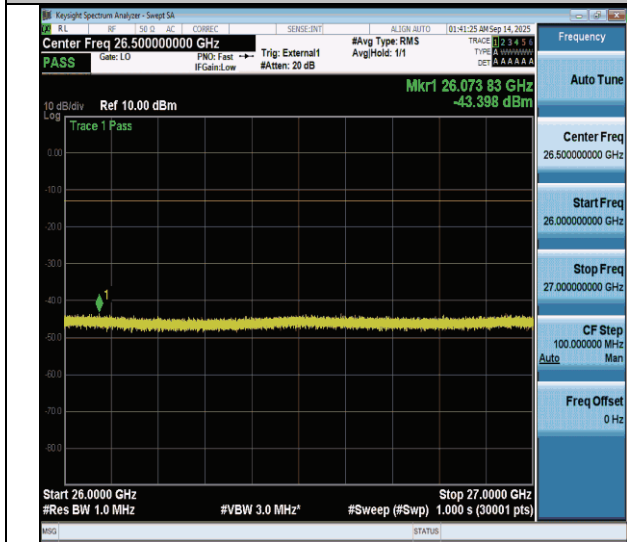




N77(3700-3980)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS



N77(3700-3980)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-6000-26000-PASS



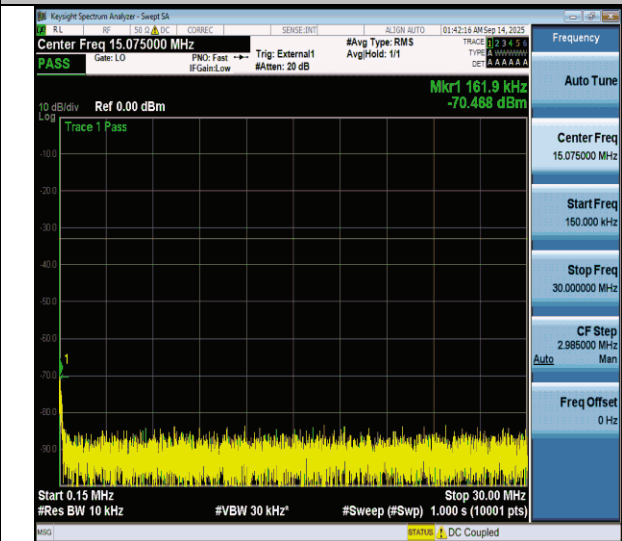
N77(3700-3980)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-26000-27000-PASS



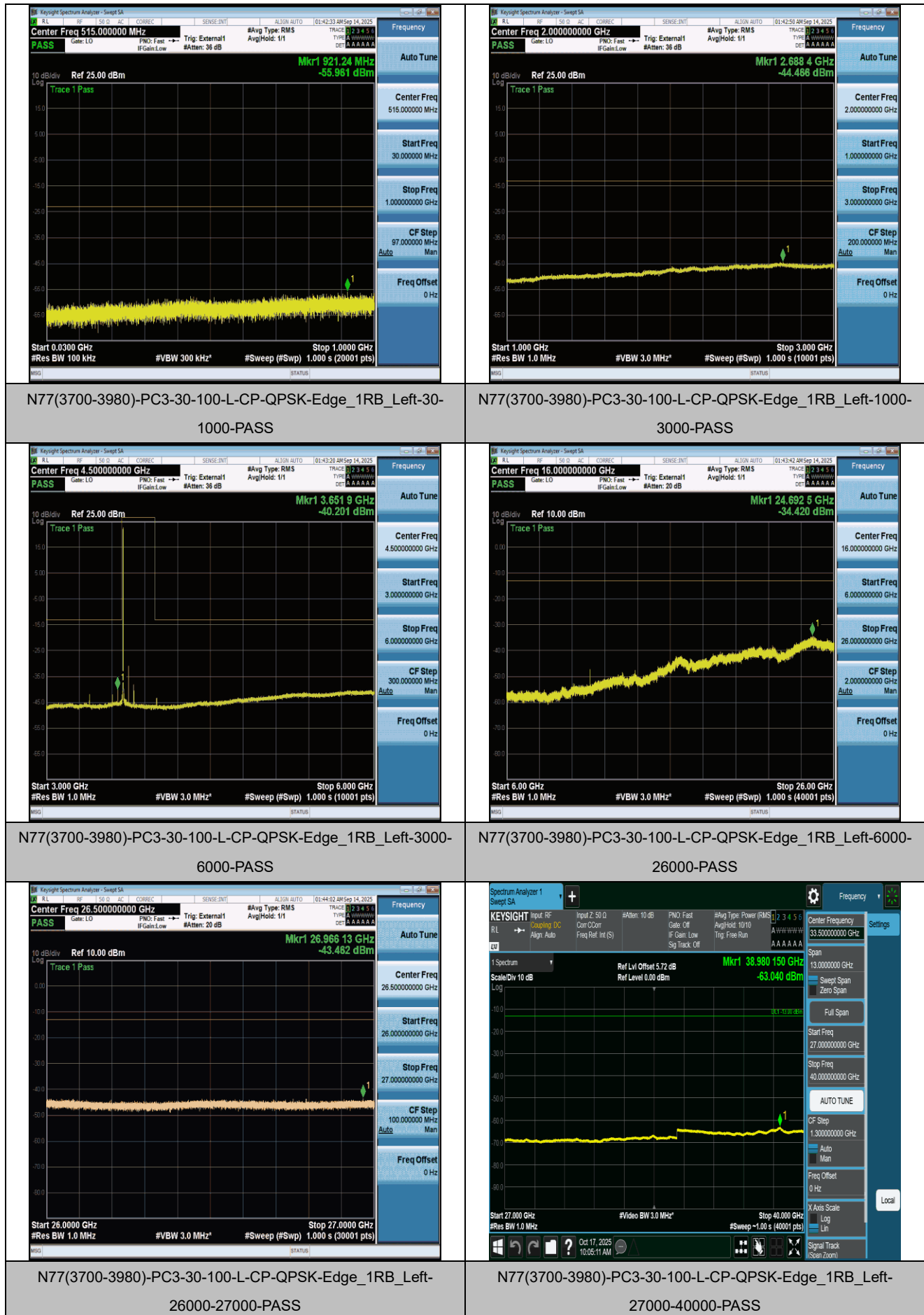
N77(3700-3980)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-2700-40000-PASS

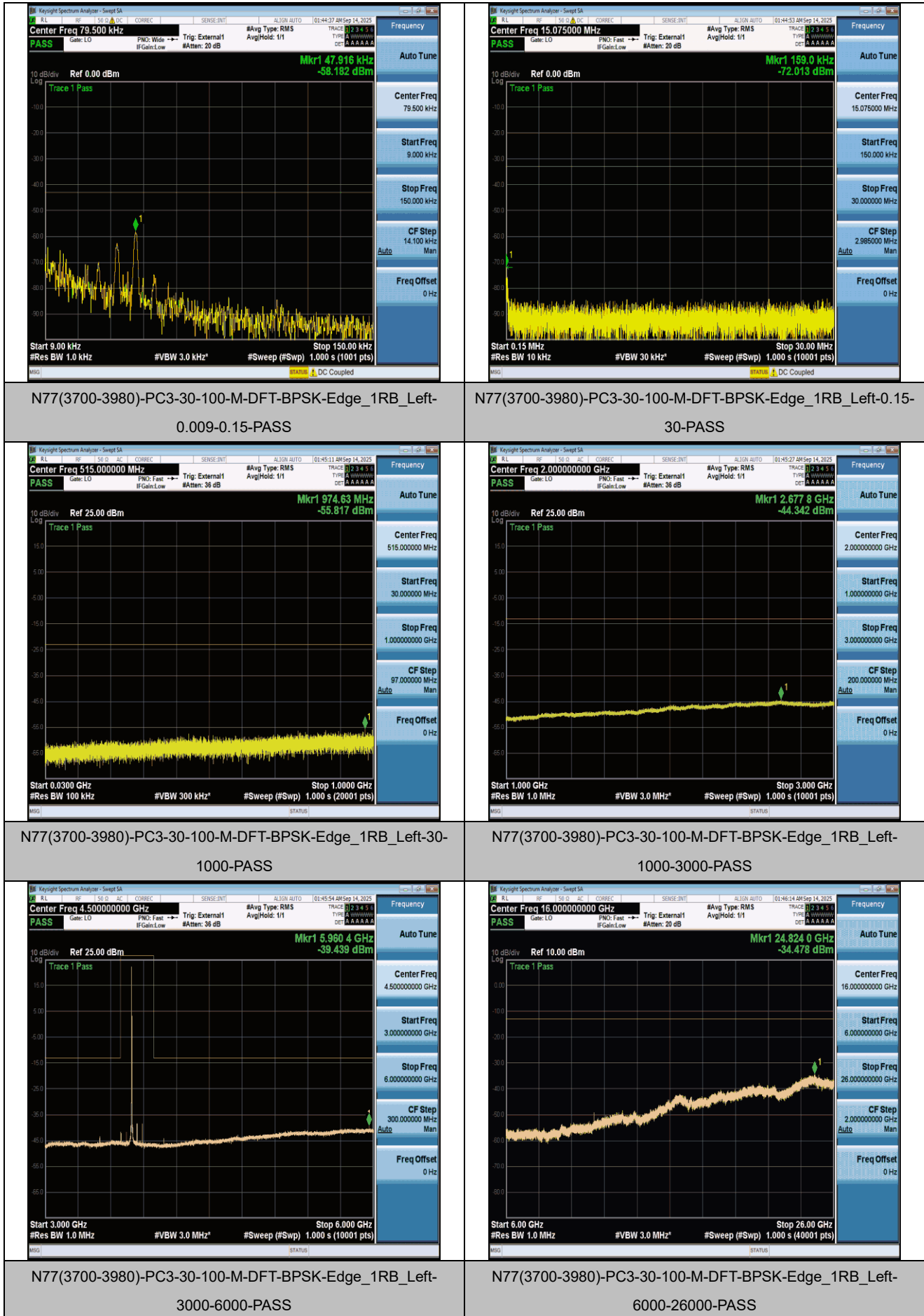


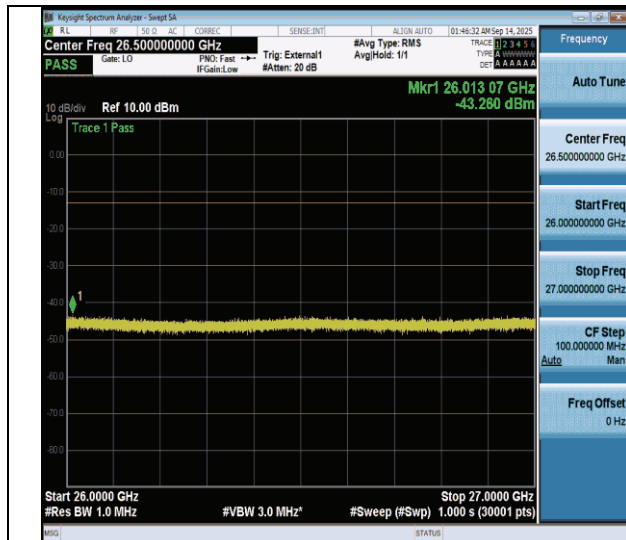
N77(3700-3980)-PC3-30-100-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



N77(3700-3980)-PC3-30-100-L-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



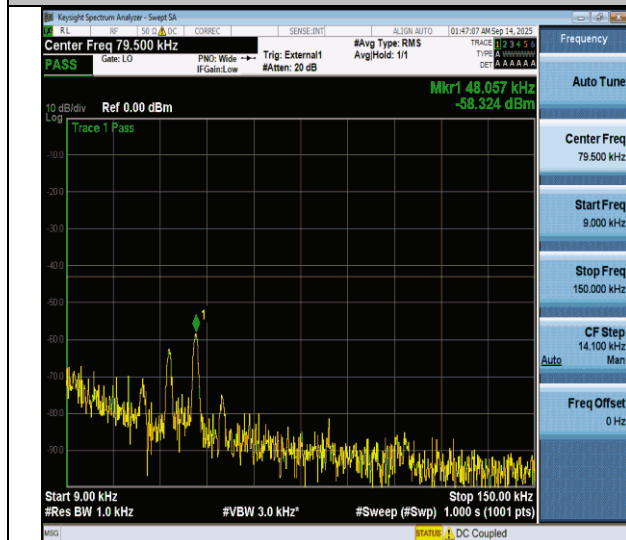




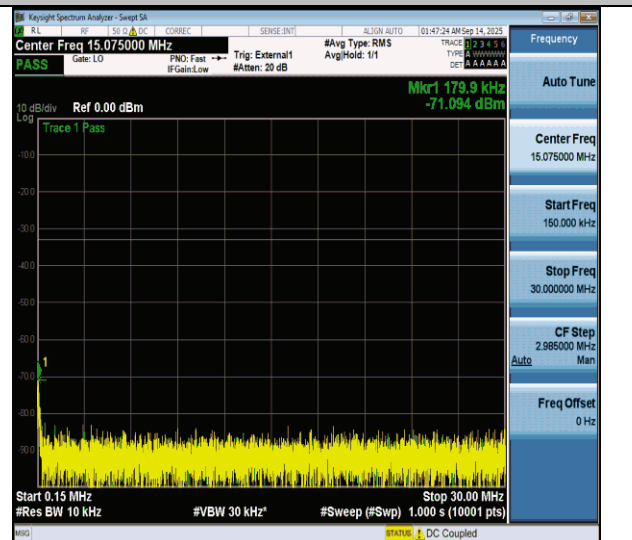
N77(3700-3980)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-
26000-27000-PASS



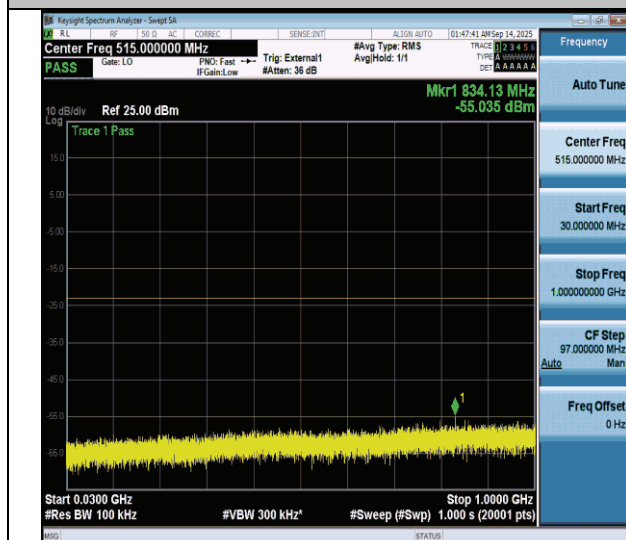
N77(3700-3980)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-
27000-40000-PASS



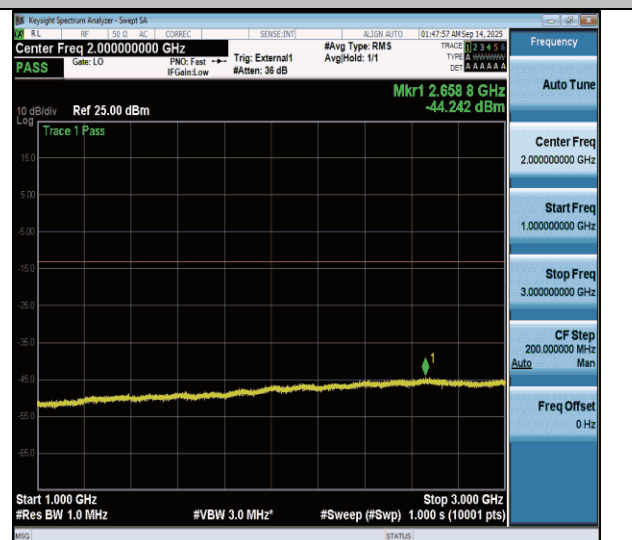
N77(3700-3980)-PC3-30-100-M-CP-QPSK-Edge_1RB_Left-
0.009-0.15-PASS



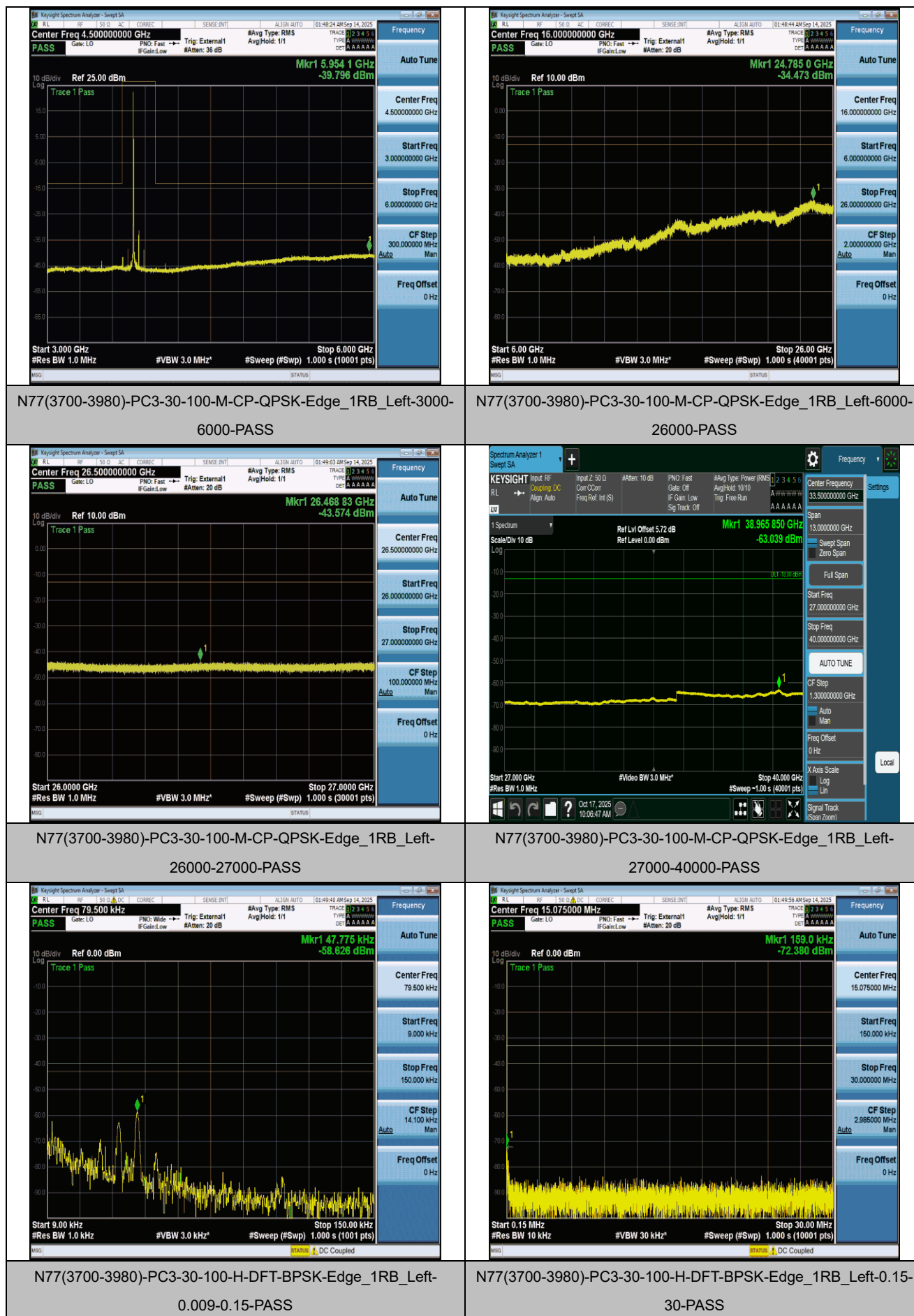
N77(3700-3980)-PC3-30-100-M-CP-QPSK-Edge_1RB_Left-0.15-
30-PASS

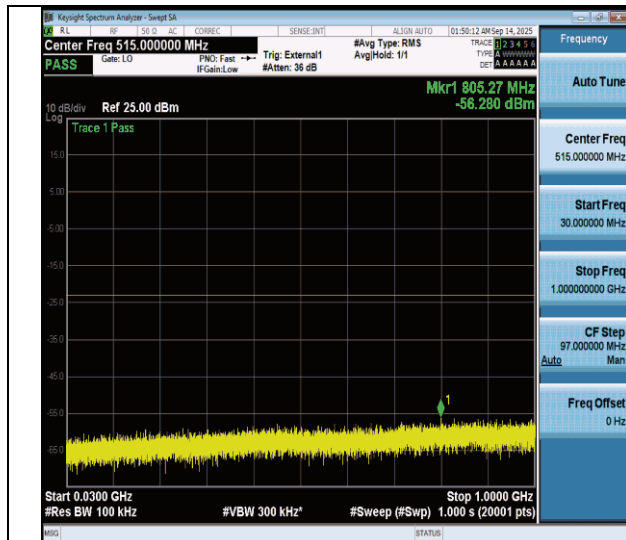


N77(3700-3980)-PC3-30-100-M-CP-QPSK-Edge_1RB_Left-30-
1000-PASS



N77(3700-3980)-PC3-30-100-M-CP-QPSK-Edge_1RB_Left-1000-
3000-PASS

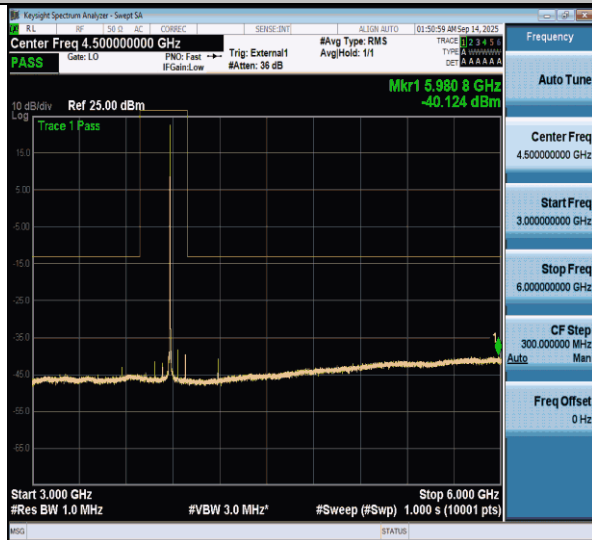




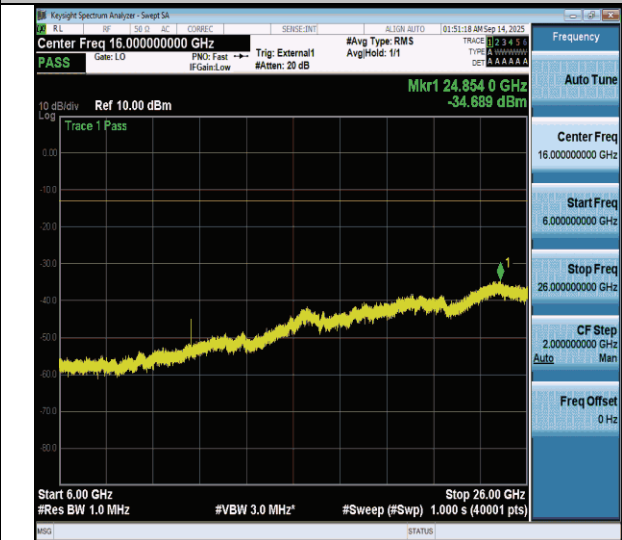
N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



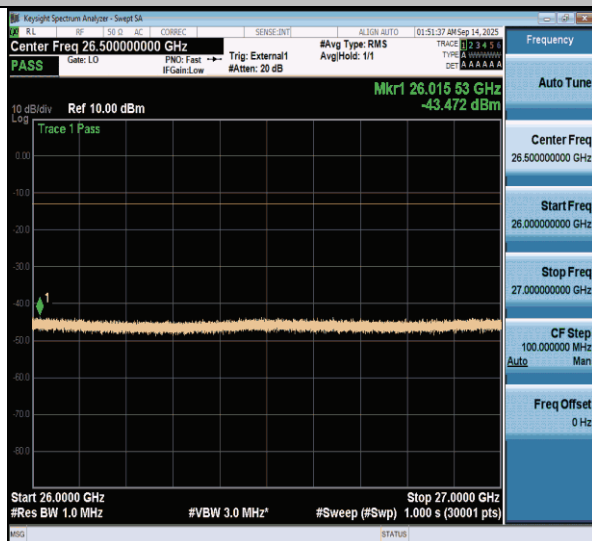
N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS



N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS



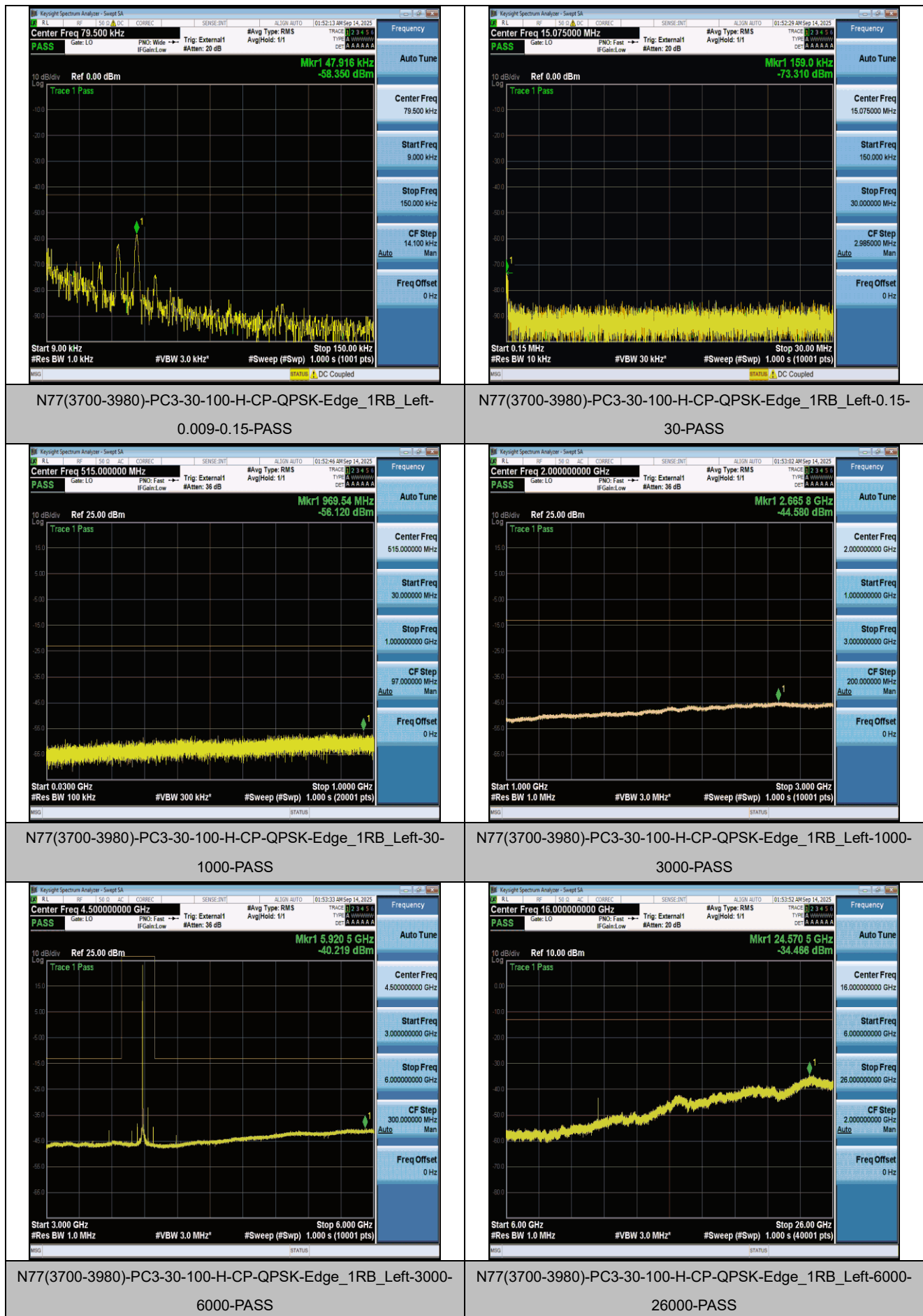
N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-6000-26000-PASS

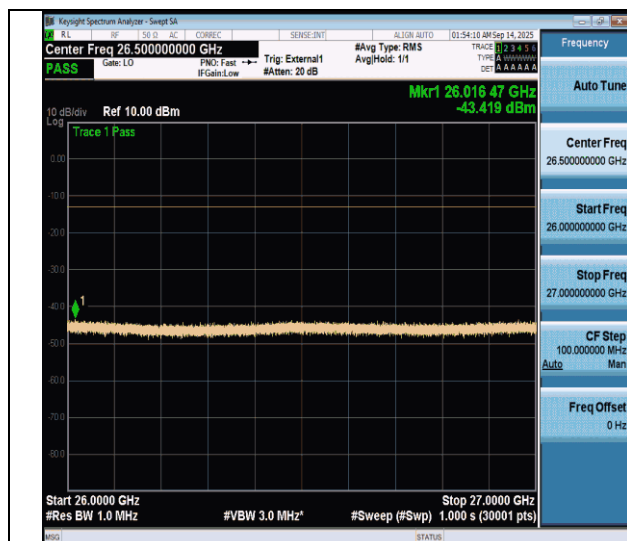


N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-26000-27000-PASS



N77(3700-3980)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-27000-40000-PASS





N77(3700-3980)-PC3-30-100-H-CP-QPSK-Edge_1RB_Left-
26000-27000-PASS



N77(3700-3980)-PC3-30-100-H-CP-QPSK-Edge_1RB_Left-
27000-40000-PASS

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
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VL	NT	-3.5	-0.000911	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VN	NT	-3.6	-0.000938	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VH	NT	-5.2	-0.001354	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VL	NT	-7.3	-0.001901	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VN	NT	-3.4	-0.000885	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VH	NT	1.3	0.000339	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-30	8.7	0.002266	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-20	-4.2	-0.001094	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-10	-2.4	-0.000625	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	0	1	0.00026	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	10	3.7	0.000964	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	20	-1	-0.00026	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	30	-1.5	-0.000391	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	40	5.2	0.001354	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	50	-1.3	-0.000339	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-30	-12.7	-0.003307	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-20	-12.1	-0.003151	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-10	-2.5	-0.000651	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.3	-0.000339	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	10	0.8	0.000208	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	20	-6.4	-0.001667	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	30	-2.1	-0.000547	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	40	-4.3	-0.00112	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	50	0.8	0.000208	PASS

~The End~