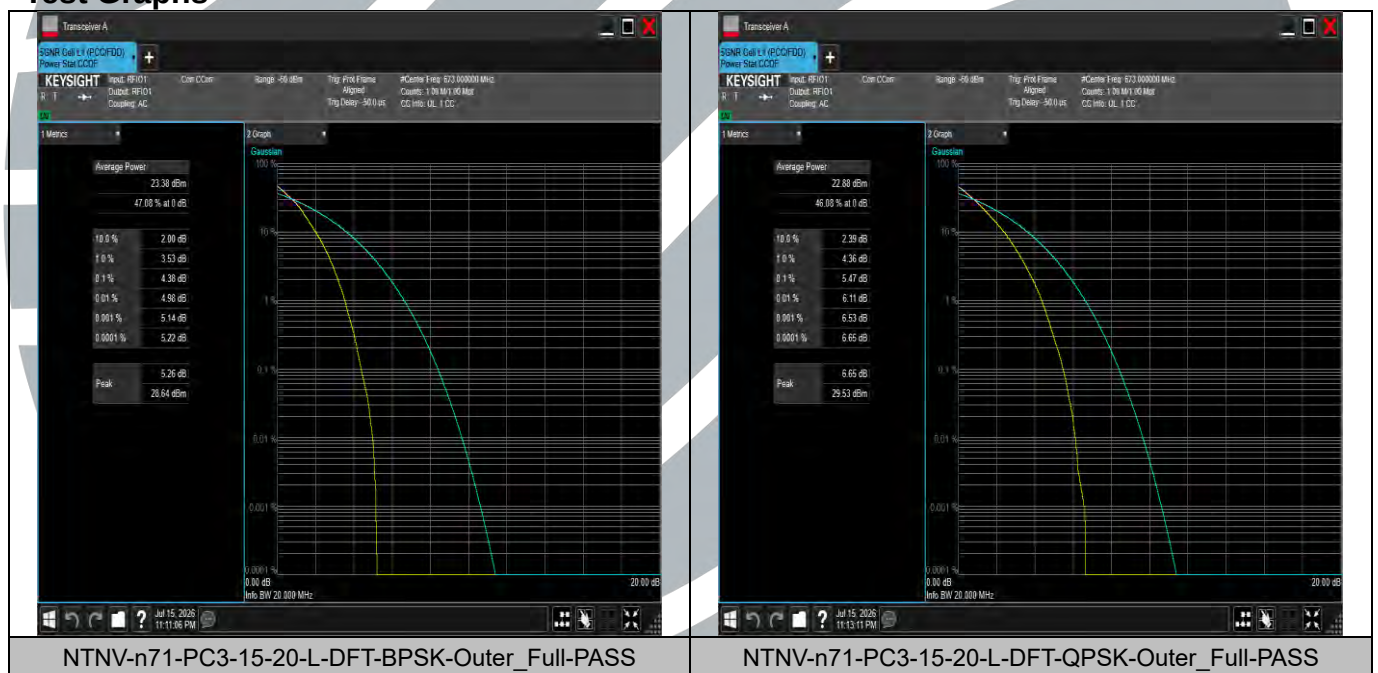
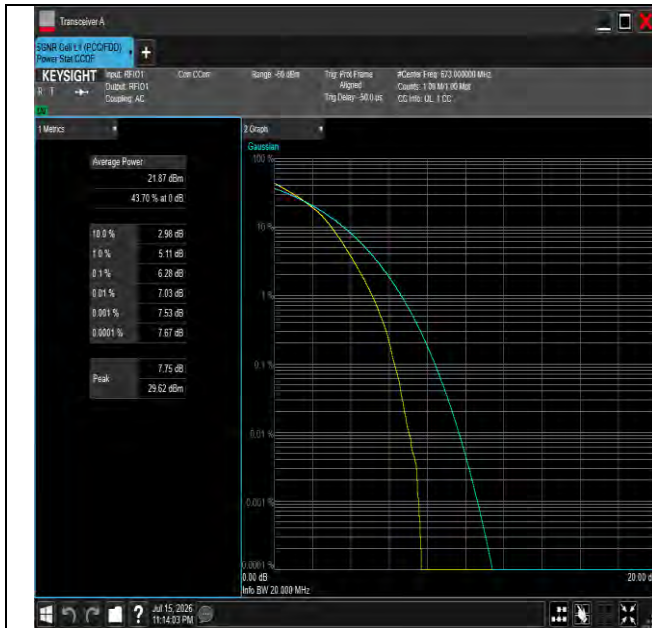


APPENDIX T NR_SA RF TEST DATA T.1PEAK-TO-AVERAGE RATIO FOR SA Peak-to-Average Ratio(CCDF) Test Result

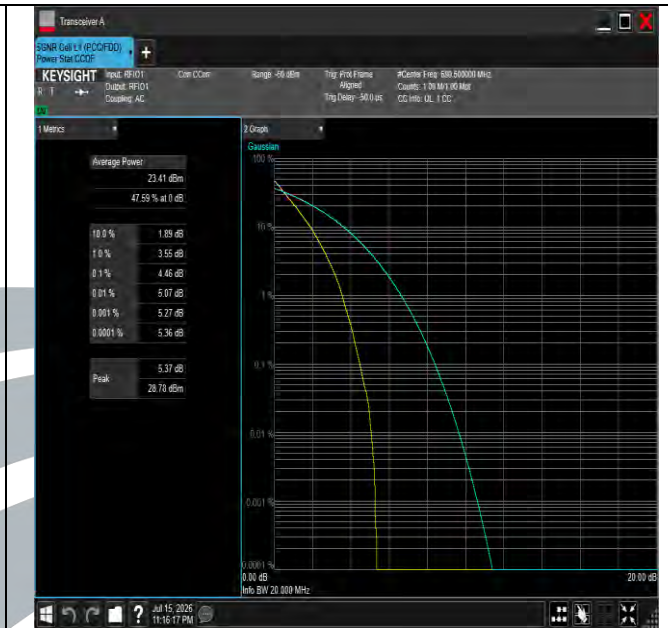
Band	SCS (kHz)	BW (MHz)	Modulation	Ch.	RB Config	Result (dB)	Limit	Verdict
n71	15	20	DFT-BPSK	L	Outer_Full	4.38	≤13dB	PASS
n71	15	20	DFT-QPSK	L	Outer_Full	5.47	≤13dB	PASS
n71	15	20	DFT-16QAM	L	Outer_Full	6.28	≤13dB	PASS
n71	15	20	DFT-BPSK	M	Outer_Full	4.46	≤13dB	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	5.5	≤13dB	PASS
n71	15	20	DFT-16QAM	M	Outer_Full	6.28	≤13dB	PASS
n71	15	20	DFT-BPSK	H	Outer_Full	4.43	≤13dB	PASS
n71	15	20	DFT-QPSK	H	Outer_Full	5.43	≤13dB	PASS
n71	15	20	DFT-16QAM	H	Outer_Full	6.28	≤13dB	PASS

Test Graphs

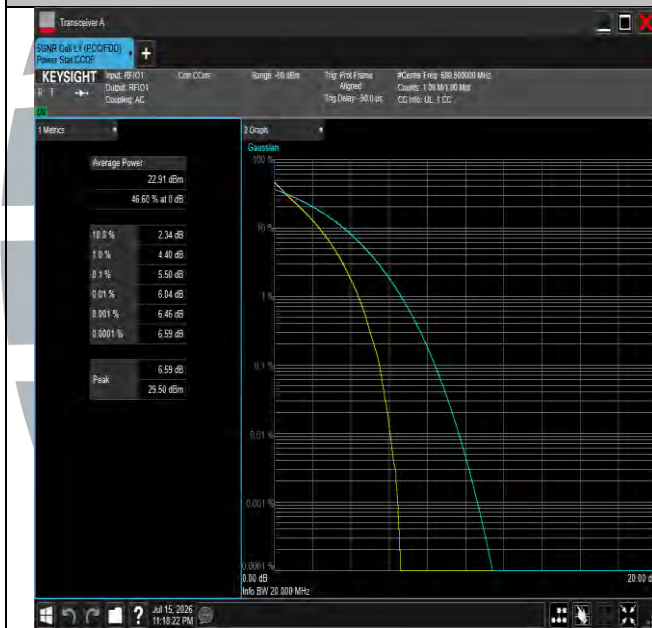




NTNV-n71-PC3-15-20-L-DFT-16QAM-Outter_Full-PASS



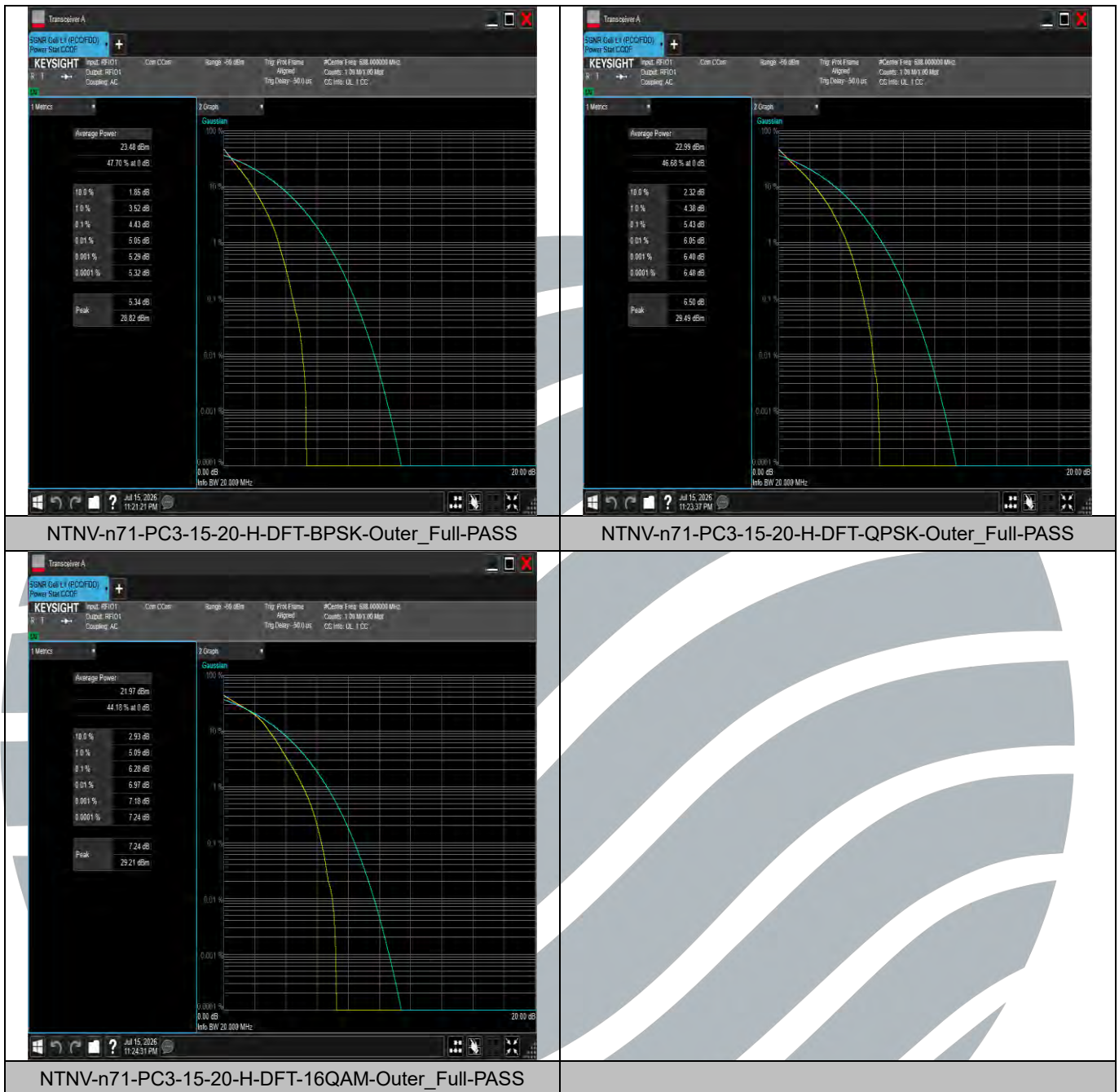
NTNV-n71-PC3-15-20-M-DFT-BPSK-Outter_Full-PASS



NTNV-n71-PC3-15-20-M-DFT-QPSK-Outter_Full-PASS



NTNV-n71-PC3-15-20-M-DFT-16QAM-Outter_Full-PASS

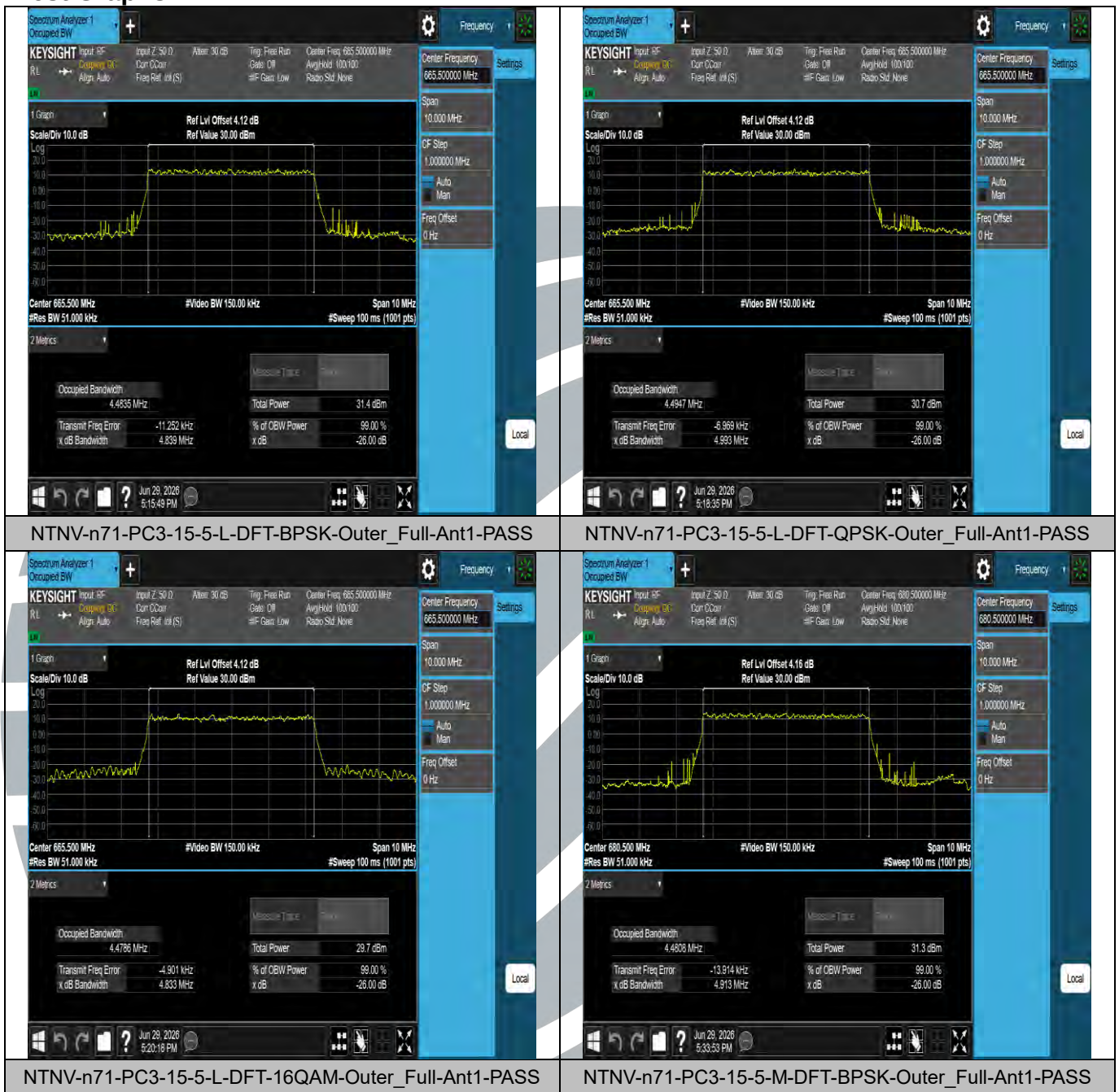


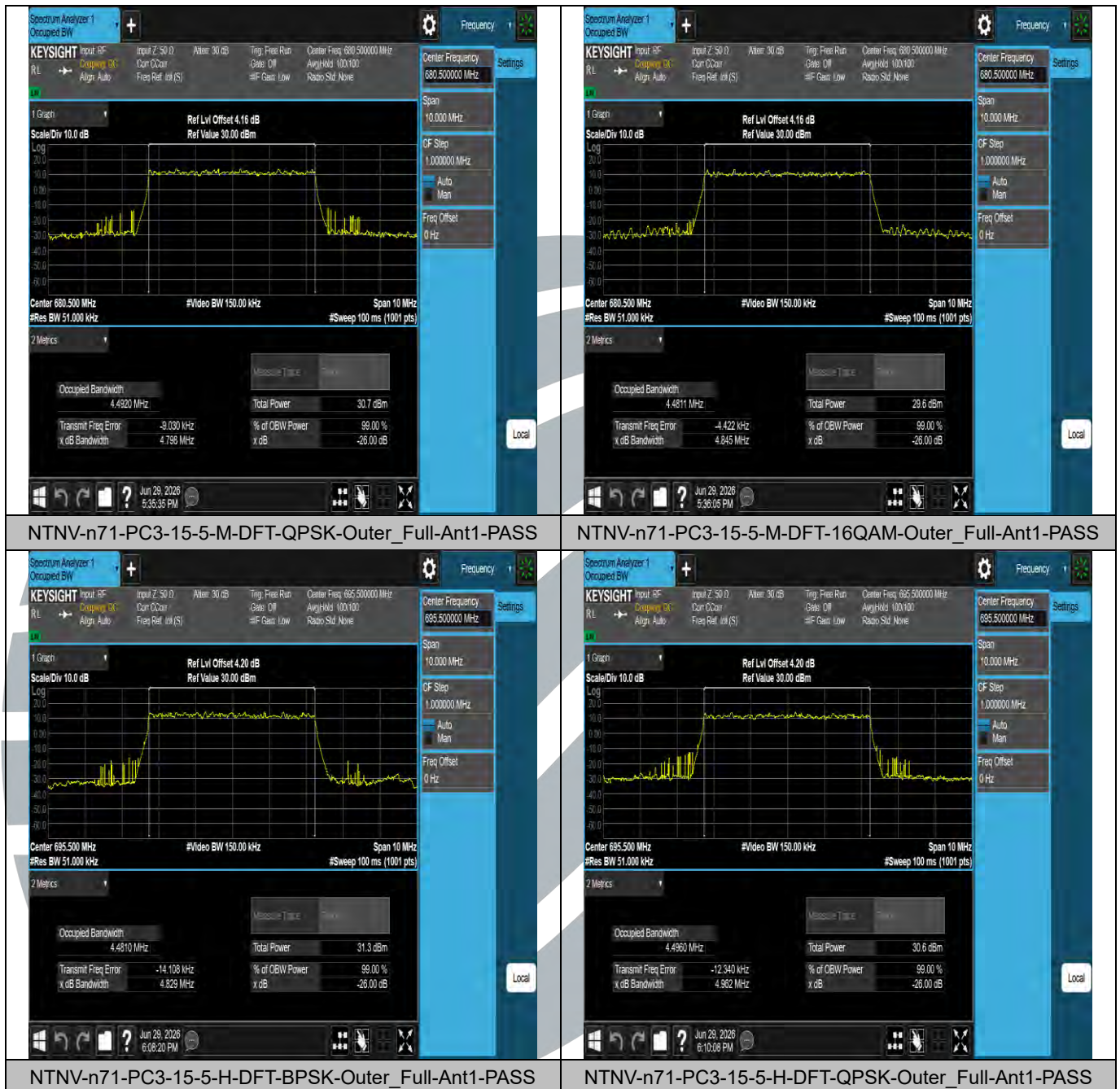
T.226DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

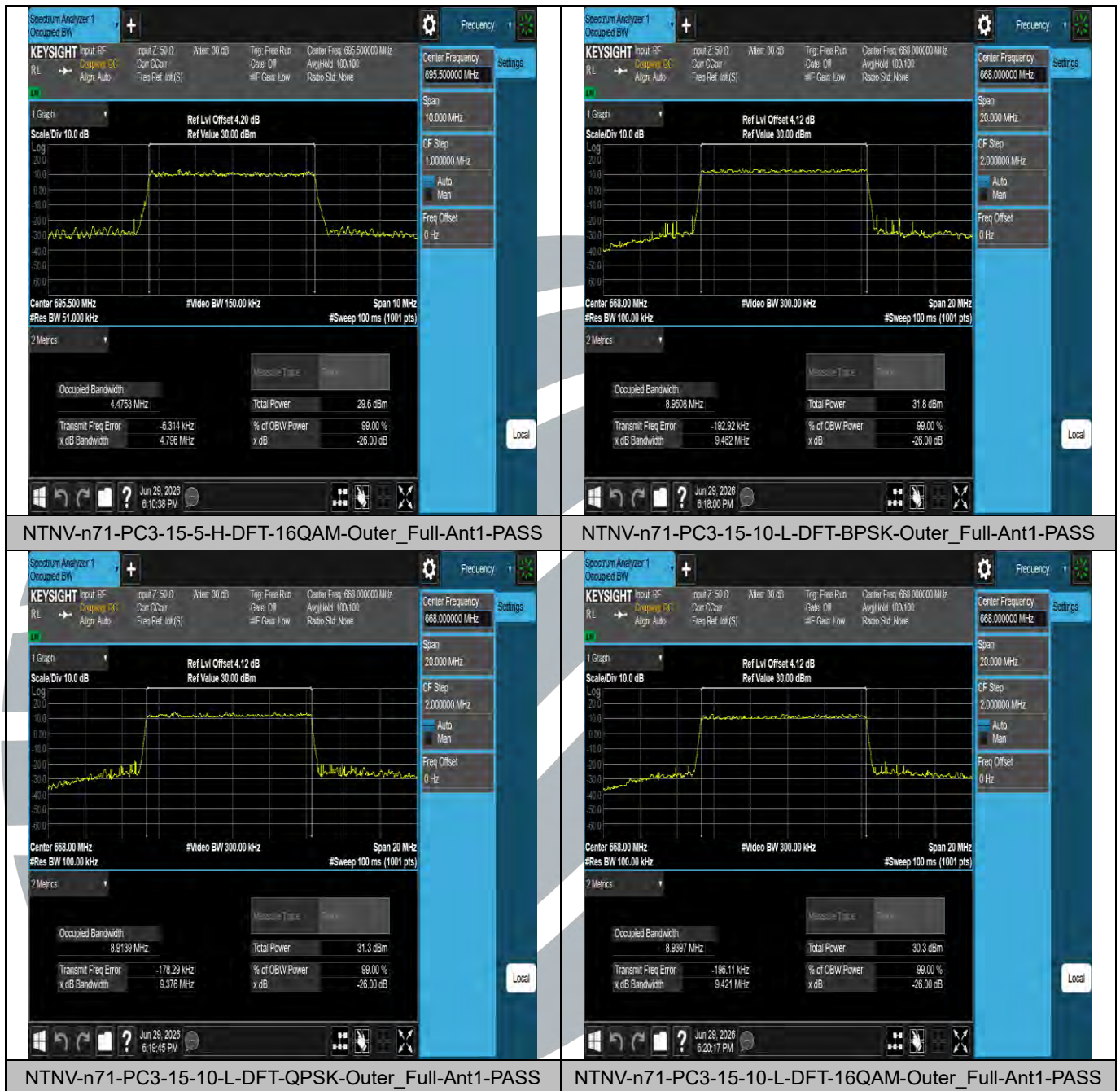
Test Result

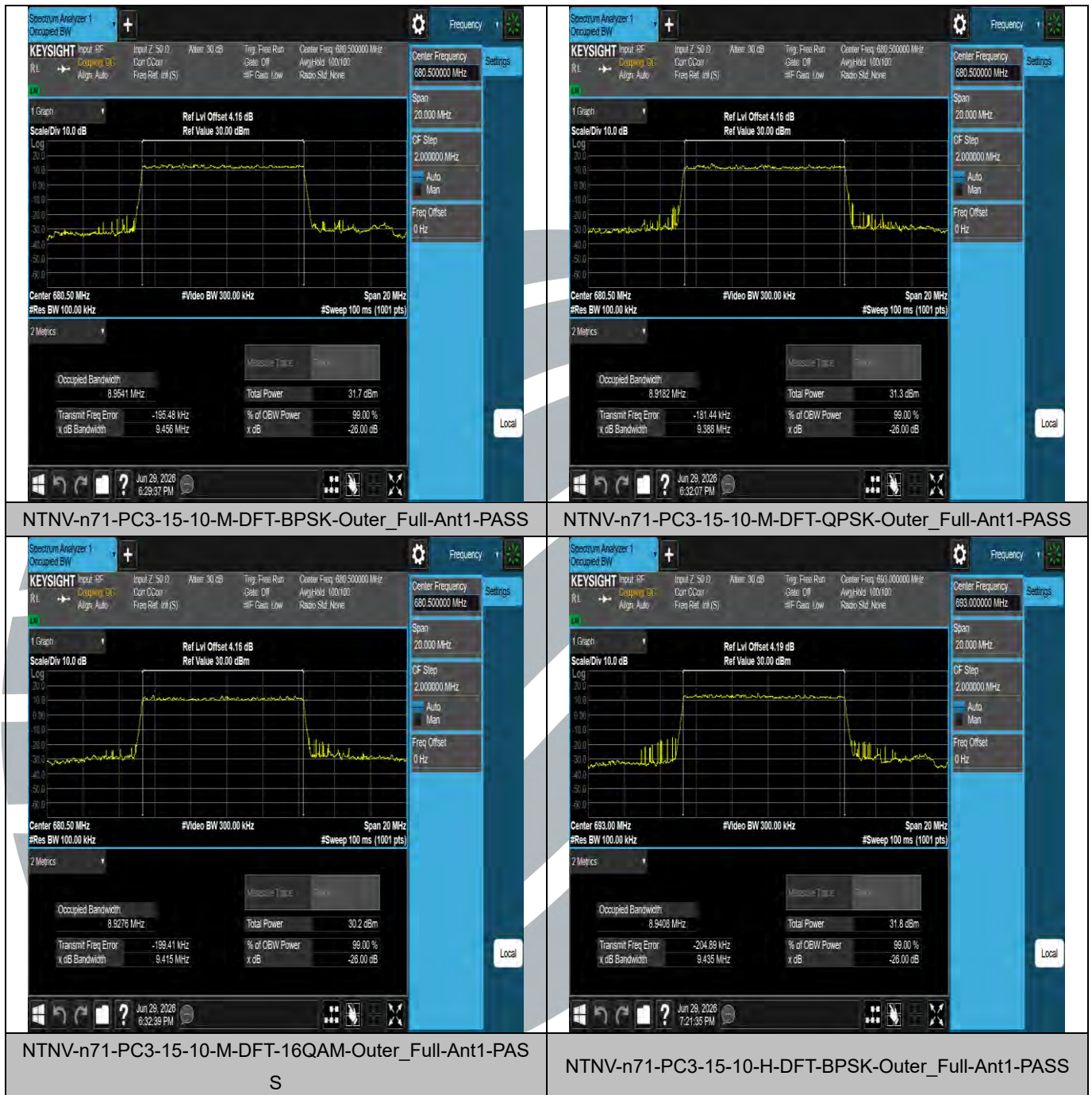
Band	SCS (kHz)	BW (MHz)	Modulation	Ch.	RB Config	99% BW Result (MHz)	26dB BW Result (MHz)	Verdict
n71	15	5	DFT-BPSK	L	Outer_Full	4.4835	4.839	PASS
n71	15	5	DFT-QPSK	L	Outer_Full	4.4947	4.993	PASS
n71	15	5	DFT-16QAM	L	Outer_Full	4.4786	4.833	PASS
n71	15	5	DFT-BPSK	M	Outer_Full	4.4808	4.913	PASS
n71	15	5	DFT-QPSK	M	Outer_Full	4.4920	4.798	PASS
n71	15	5	DFT-16QAM	M	Outer_Full	4.4811	4.845	PASS
n71	15	5	DFT-BPSK	H	Outer_Full	4.4810	4.829	PASS
n71	15	5	DFT-QPSK	H	Outer_Full	4.4960	4.962	PASS
n71	15	5	DFT-16QAM	H	Outer_Full	4.4753	4.796	PASS
n71	15	10	DFT-BPSK	L	Outer_Full	8.9508	9.462	PASS
n71	15	10	DFT-QPSK	L	Outer_Full	8.9139	9.376	PASS
n71	15	10	DFT-16QAM	L	Outer_Full	8.9397	9.421	PASS
n71	15	10	DFT-BPSK	M	Outer_Full	8.9541	9.456	PASS
n71	15	10	DFT-QPSK	M	Outer_Full	8.9182	9.388	PASS
n71	15	10	DFT-16QAM	M	Outer_Full	8.9276	9.415	PASS
n71	15	10	DFT-BPSK	H	Outer_Full	8.9408	9.435	PASS
n71	15	10	DFT-QPSK	H	Outer_Full	8.9110	9.368	PASS
n71	15	10	DFT-16QAM	H	Outer_Full	8.9182	9.393	PASS
n71	15	15	DFT-BPSK	L	Outer_Full	13.413	14.19	PASS
n71	15	15	DFT-QPSK	L	Outer_Full	13.394	14.27	PASS
n71	15	15	DFT-16QAM	L	Outer_Full	13.413	14.76	PASS
n71	15	15	DFT-BPSK	M	Outer_Full	13.424	14.06	PASS
n71	15	15	DFT-QPSK	M	Outer_Full	13.403	14.31	PASS
n71	15	15	DFT-16QAM	M	Outer_Full	13.401	14.66	PASS
n71	15	15	DFT-BPSK	H	Outer_Full	13.427	14.05	PASS
n71	15	15	DFT-QPSK	H	Outer_Full	13.396	14.26	PASS
n71	15	15	DFT-16QAM	H	Outer_Full	13.396	14.58	PASS
n71	15	20	DFT-BPSK	L	Outer_Full	17.861	18.66	PASS
n71	15	20	DFT-QPSK	L	Outer_Full	17.851	18.68	PASS
n71	15	20	DFT-16QAM	L	Outer_Full	17.852	18.74	PASS
n71	15	20	DFT-BPSK	M	Outer_Full	17.877	18.65	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	17.850	18.62	PASS
n71	15	20	DFT-16QAM	M	Outer_Full	17.862	18.79	PASS
n71	15	20	DFT-BPSK	H	Outer_Full	17.871	18.70	PASS
n71	15	20	DFT-QPSK	H	Outer_Full	17.846	18.67	PASS
n71	15	20	DFT-16QAM	H	Outer_Full	17.853	18.62	PASS

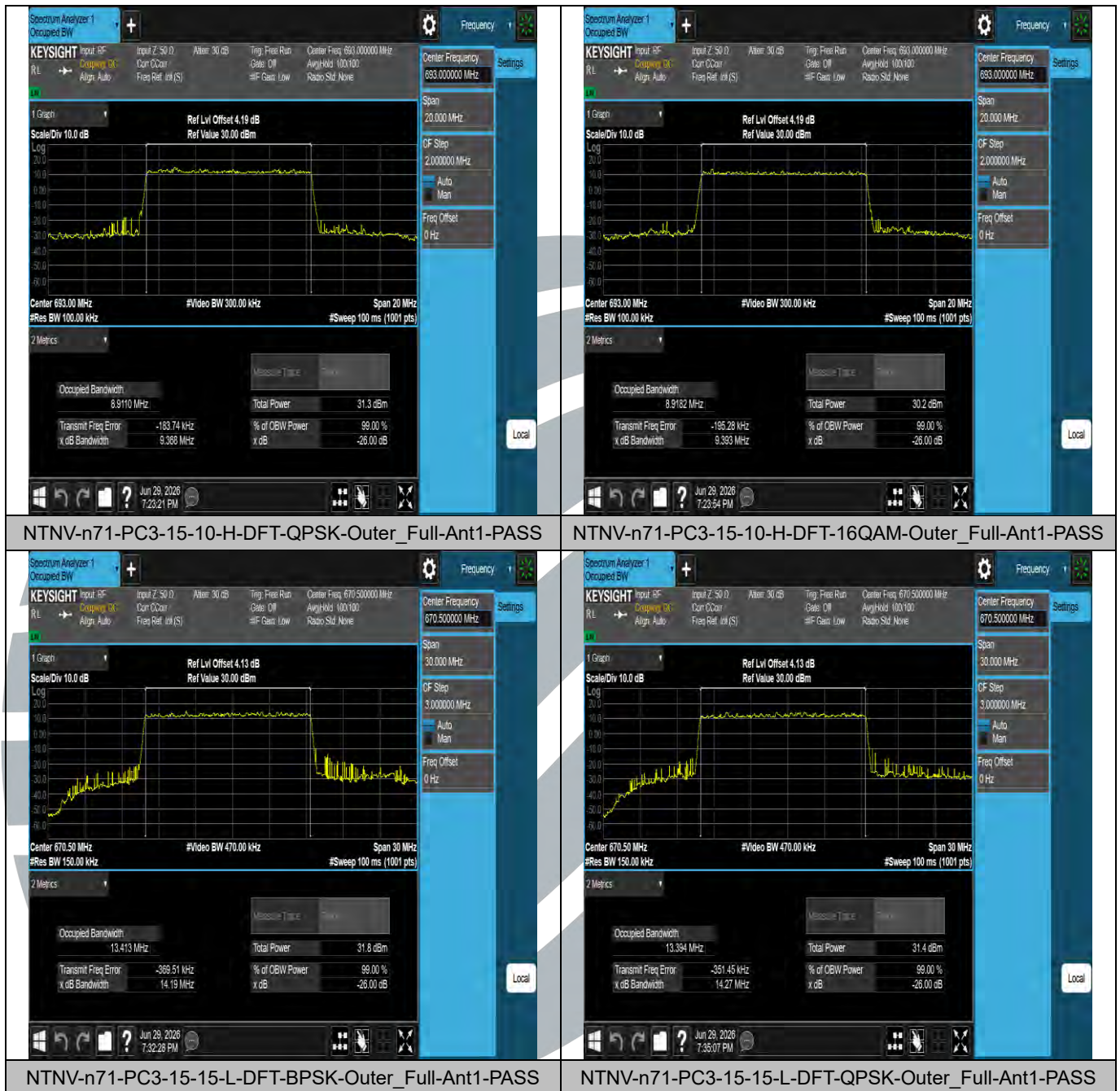
Test Graphs

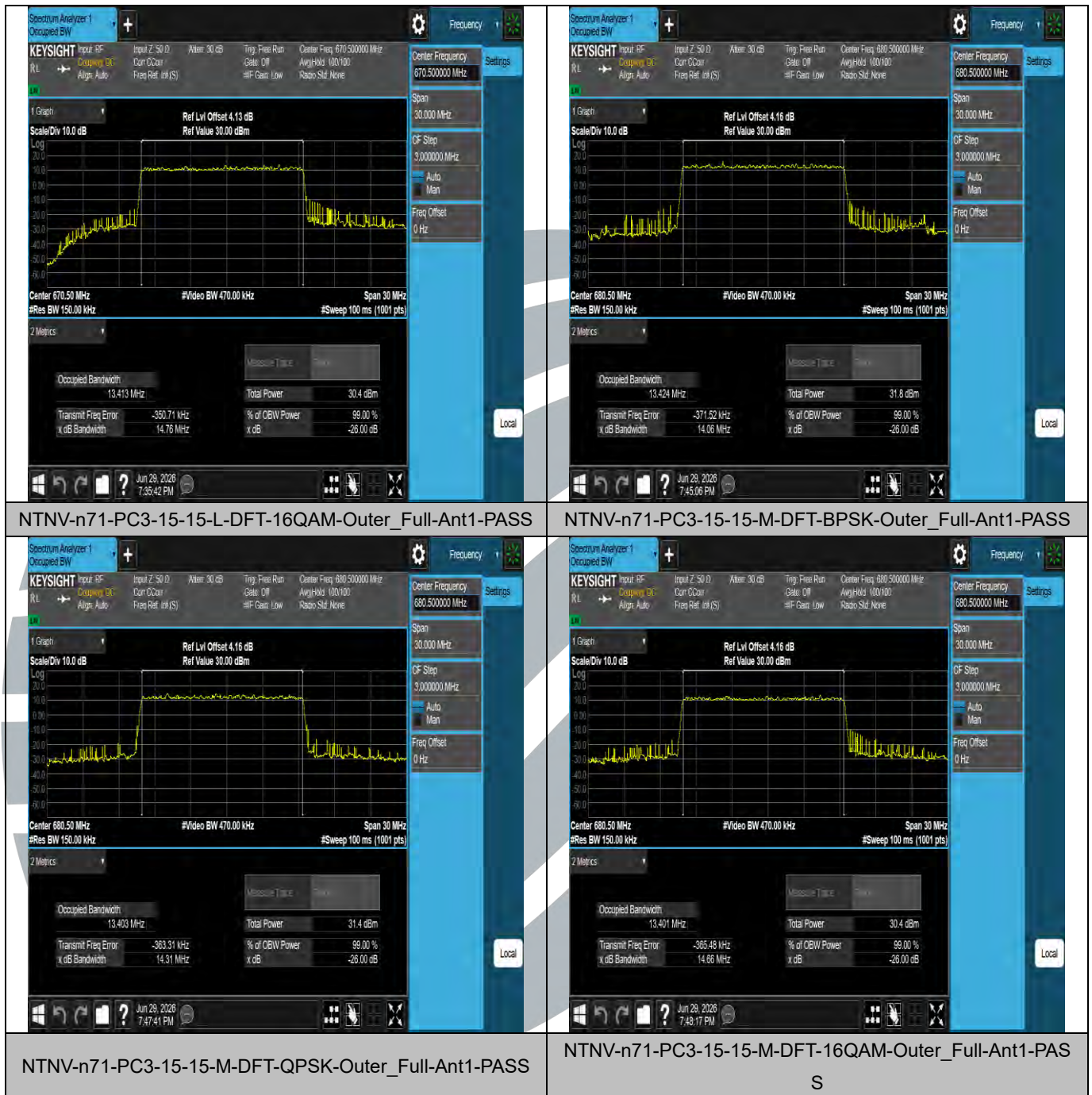


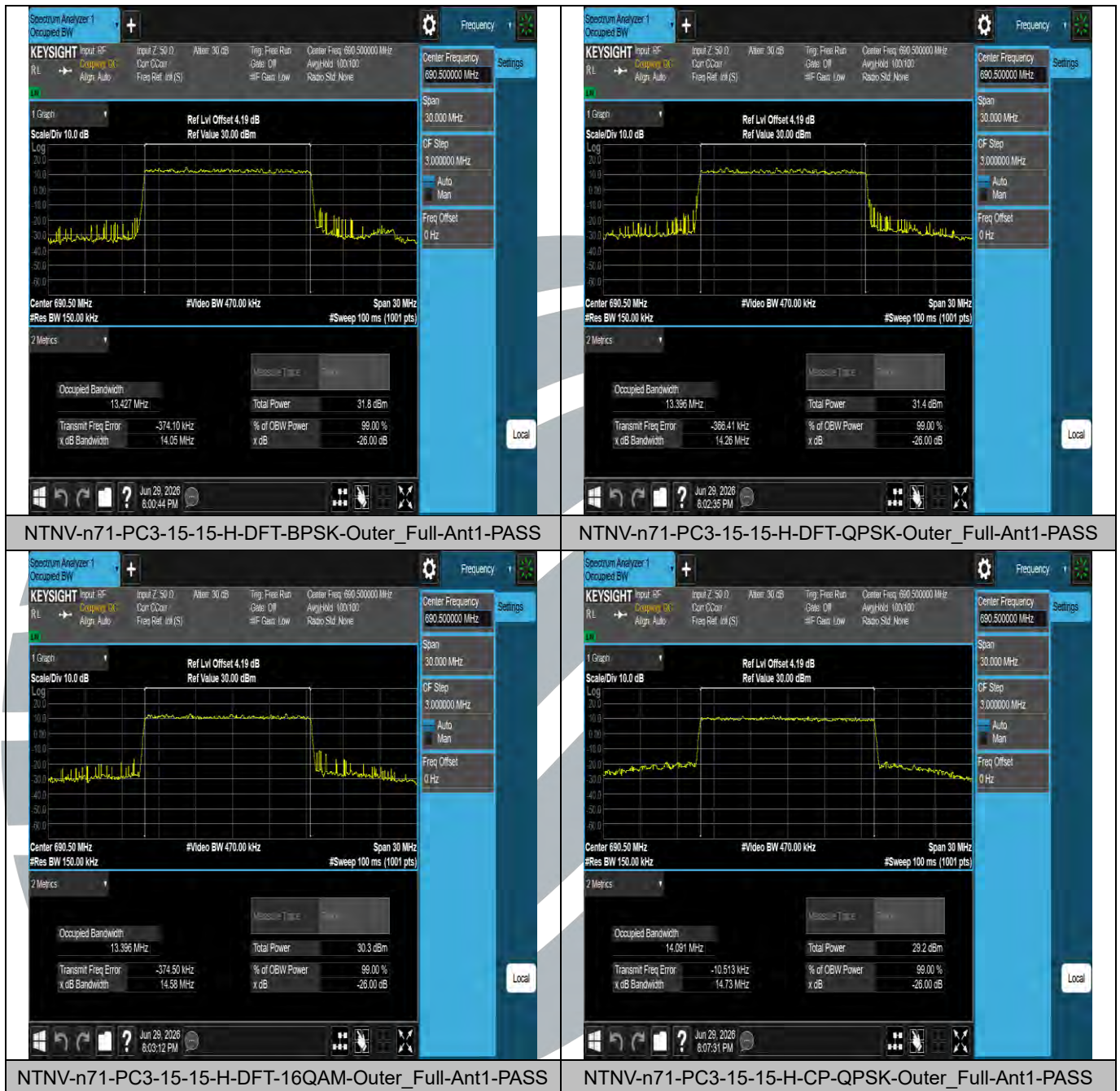


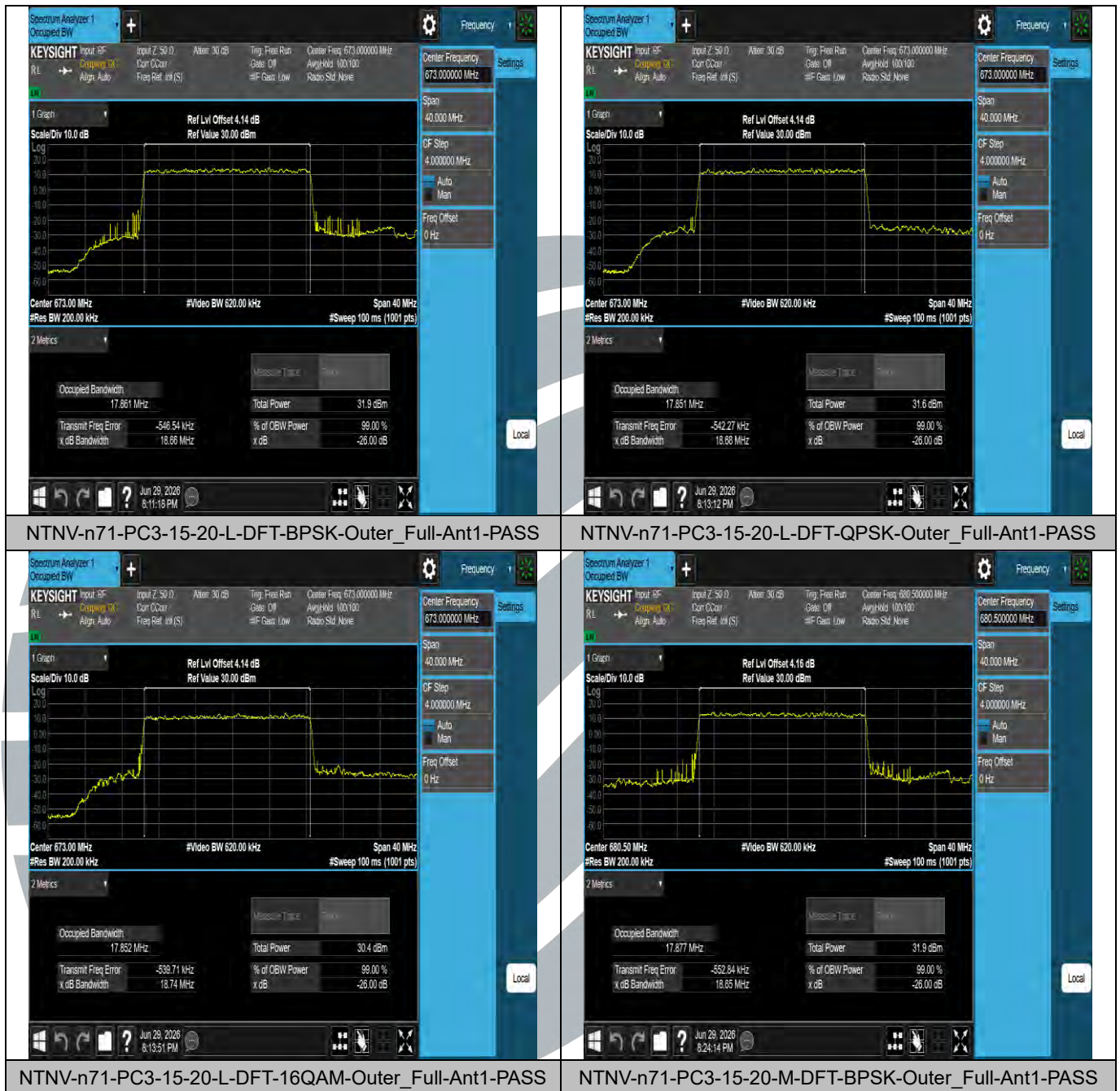






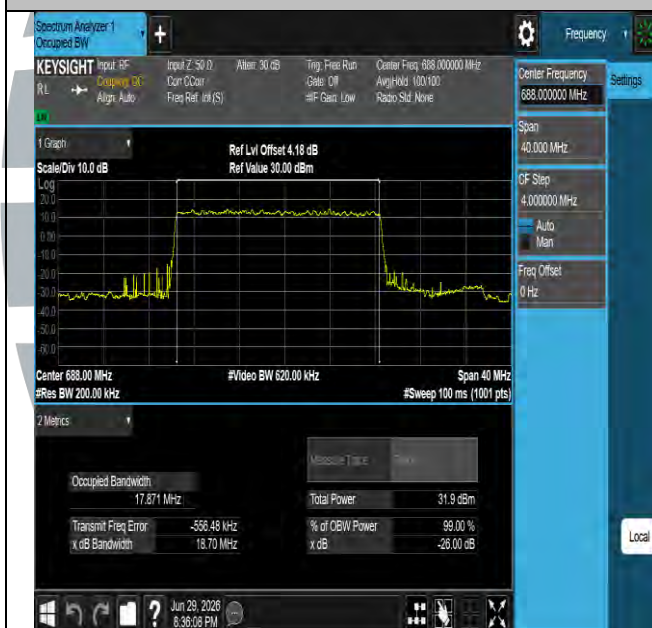








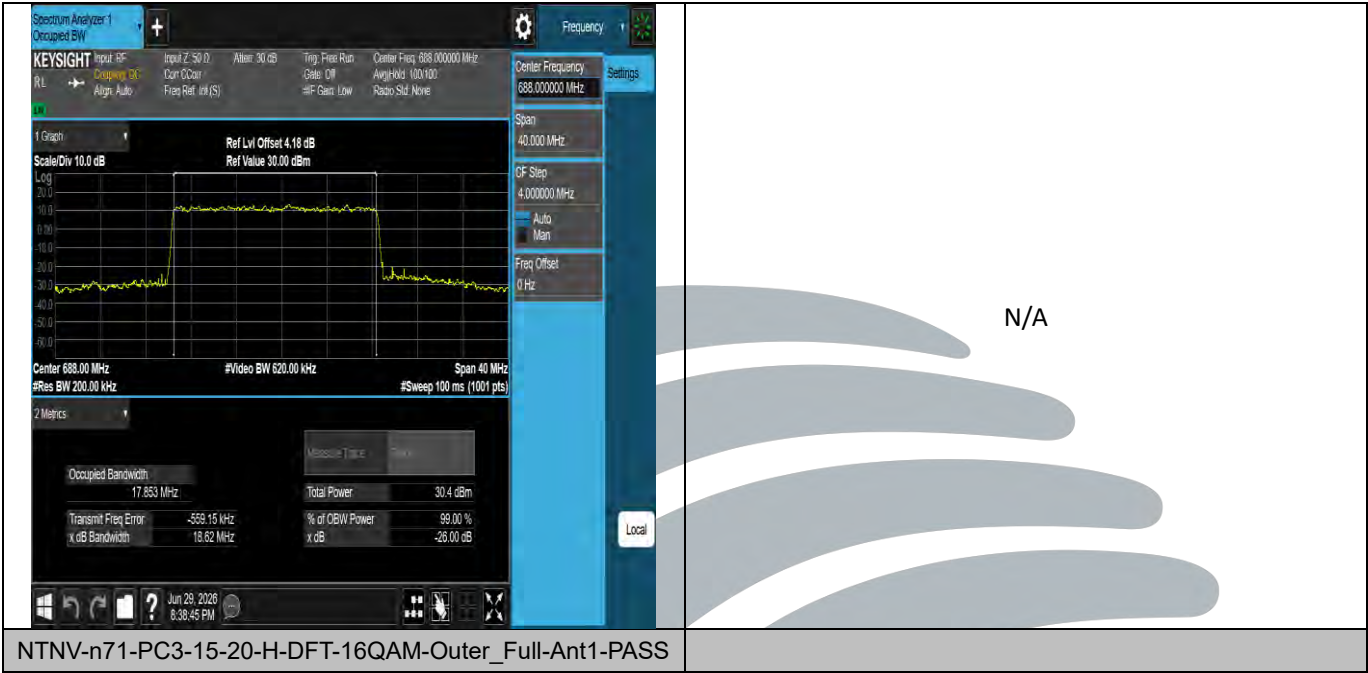
NTNV-n71-PC3-15-20-M-DFT-QPSK-Outter_Full-Ant1-PASS

NTNV-n71-PC3-15-20-M-DFT-16QAM-Outter_Full-Ant1-PASS
S

NTNV-n71-PC3-15-20-H-DFT-BPSK-Outter_Full-Ant1-PASS



NTNV-n71-PC3-15-20-H-DFT-QPSK-Outter_Full-Ant1-PASS

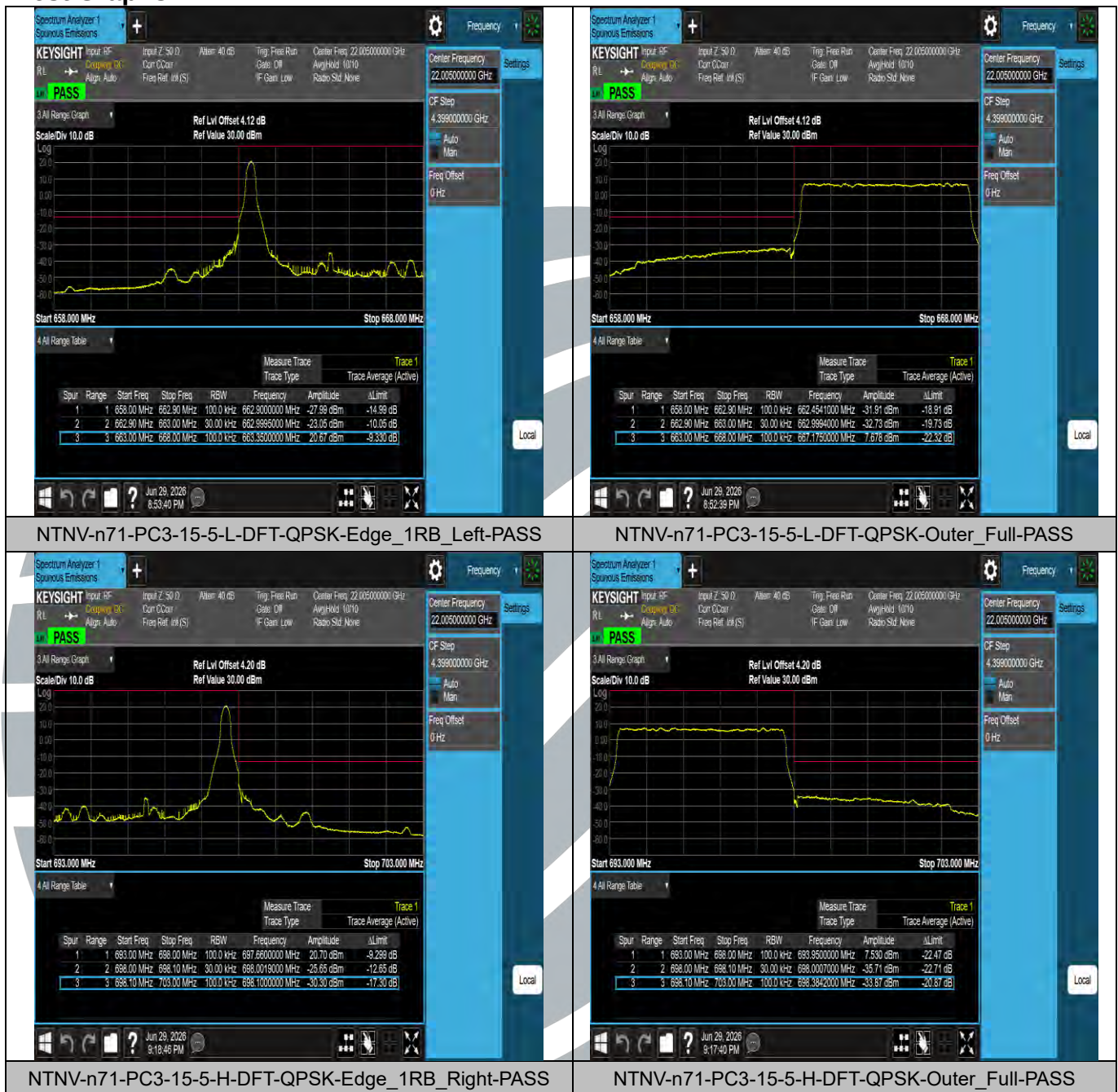


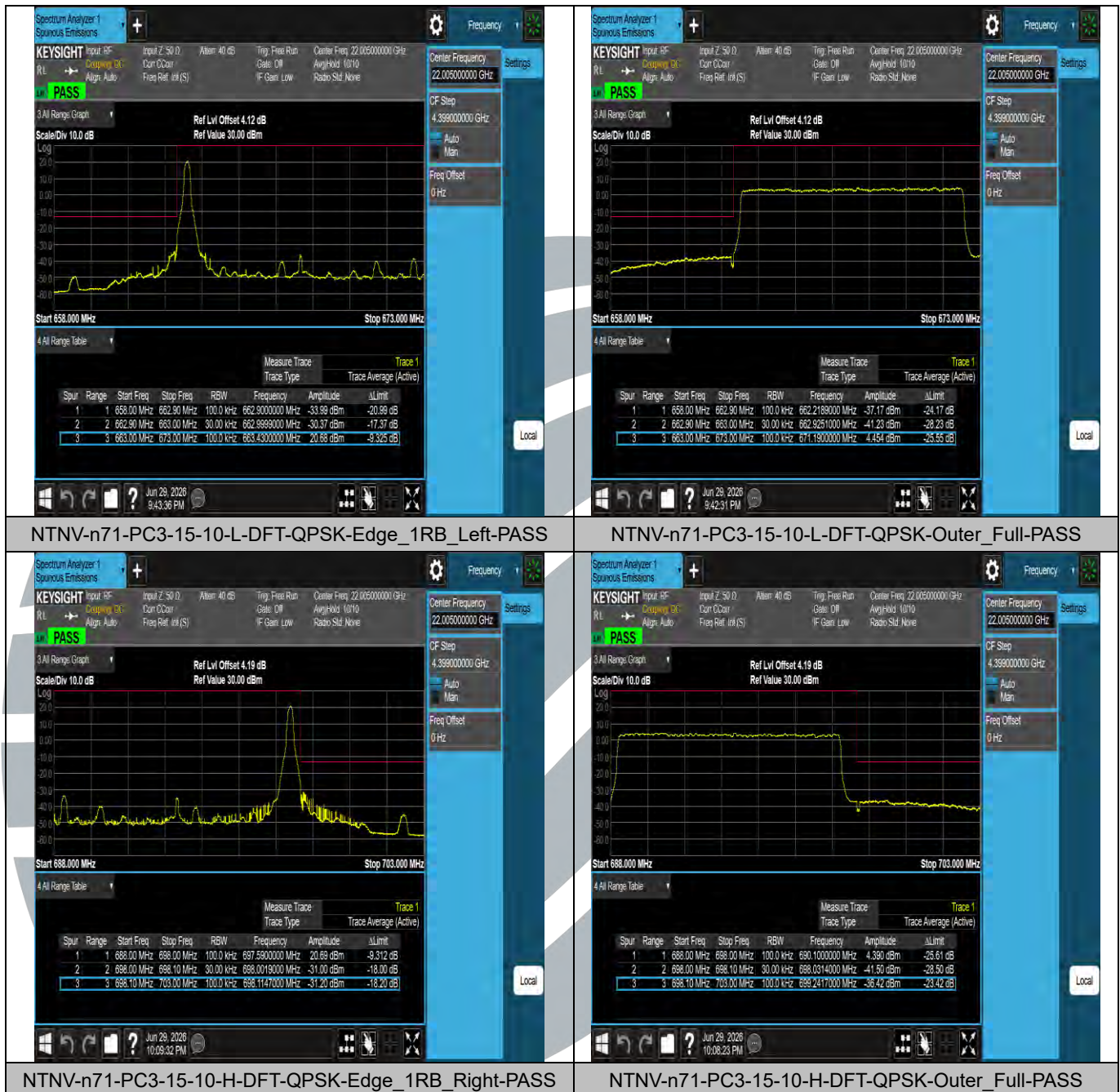
T.3BAND EDGE FOR SA

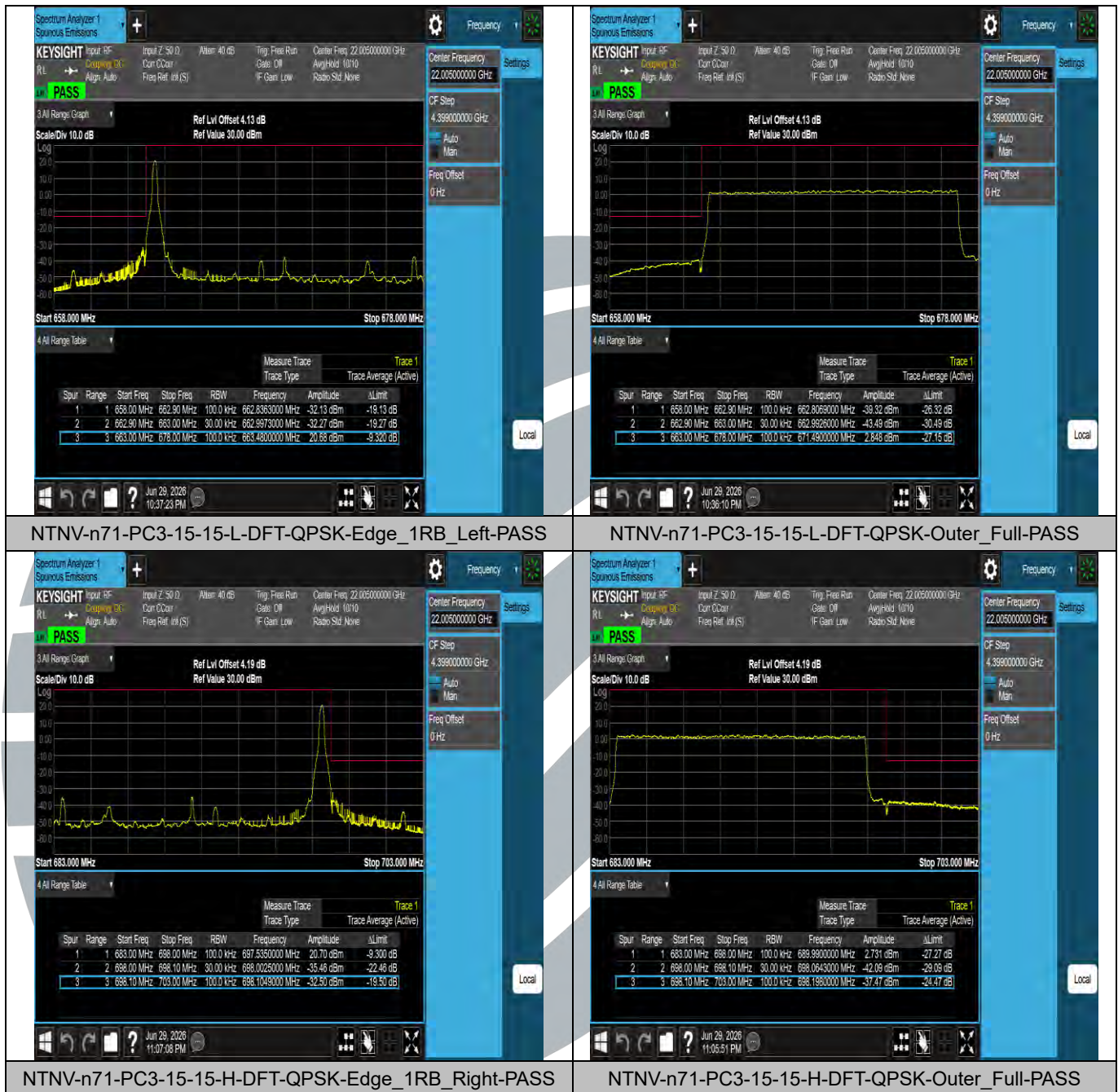
Test Result

Band	SCS (kHz)	BW (MHz)	Modulation	Ch.	RB Config	Result (dBm)	Verdict
n71	15	5	DFT-QPSK	L	Edge_1RB_Left	-23.05	PASS
n71	15	5	DFT-QPSK	L	Outer_Full	-31.91	PASS
n71	15	5	DFT-QPSK	H	Edge_1RB_Right	-25.65	PASS
n71	15	5	DFT-QPSK	H	Outer_Full	-33.87	PASS
n71	15	10	DFT-QPSK	L	Edge_1RB_Left	-30.37	PASS
n71	15	10	DFT-QPSK	L	Outer_Full	-37.17	PASS
n71	15	10	DFT-QPSK	H	Edge_1RB_Right	-31.00	PASS
n71	15	10	DFT-QPSK	H	Outer_Full	-36.42	PASS
n71	15	15	DFT-QPSK	L	Edge_1RB_Left	-32.13	PASS
n71	15	15	DFT-QPSK	L	Outer_Full	-39.32	PASS
n71	15	15	DFT-QPSK	H	Edge_1RB_Right	-32.50	PASS
n71	15	15	DFT-QPSK	H	Outer_Full	-37.47	PASS
n71	15	20	DFT-QPSK	L	Edge_1RB_Left	-33.82	PASS
n71	15	20	DFT-QPSK	L	Outer_Full	-42.45	PASS
n71	15	20	DFT-QPSK	H	Edge_1RB_Right	-33.55	PASS
n71	15	20	DFT-QPSK	H	Outer_Full	-38.21	PASS

Test Graphs







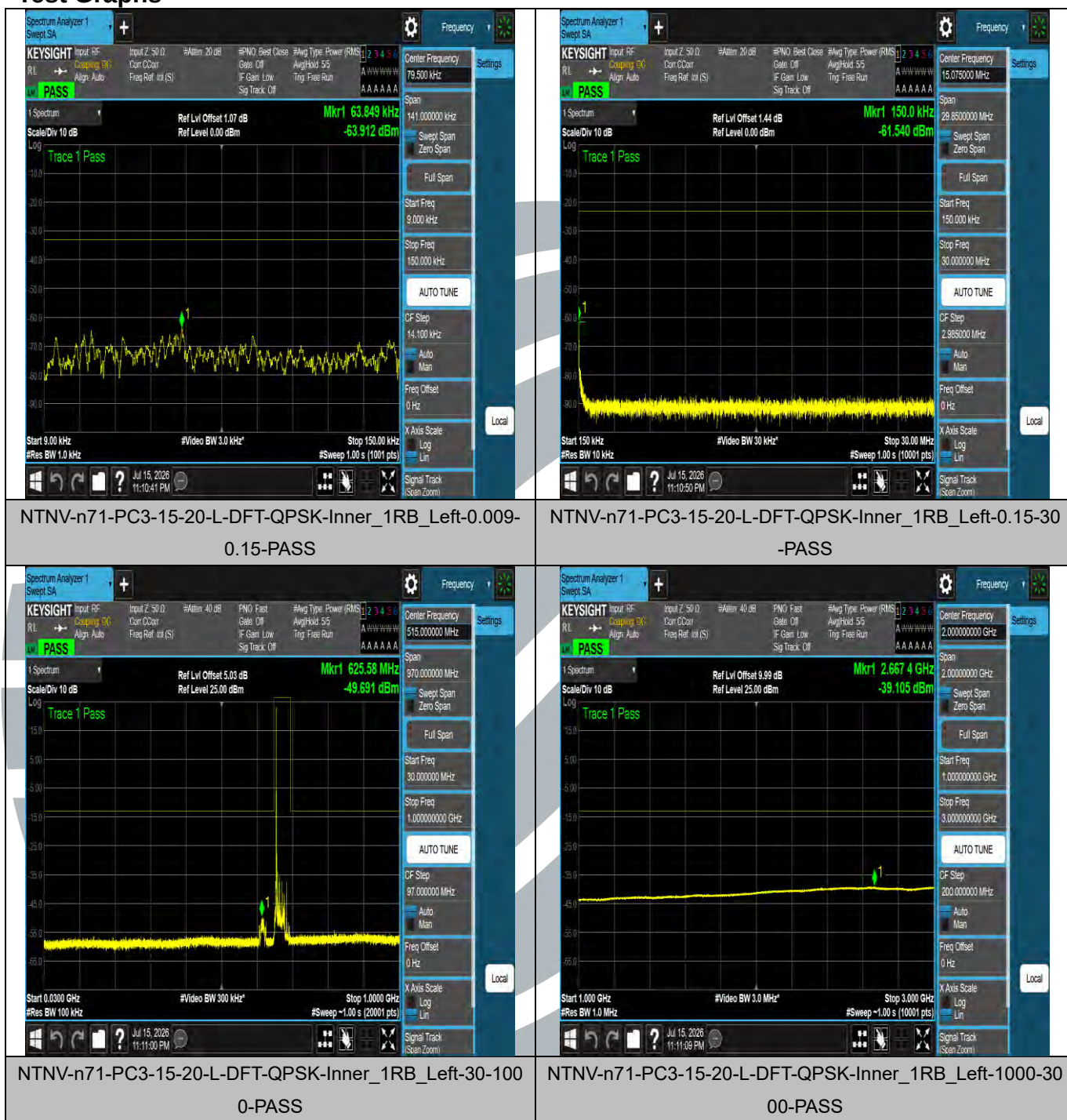


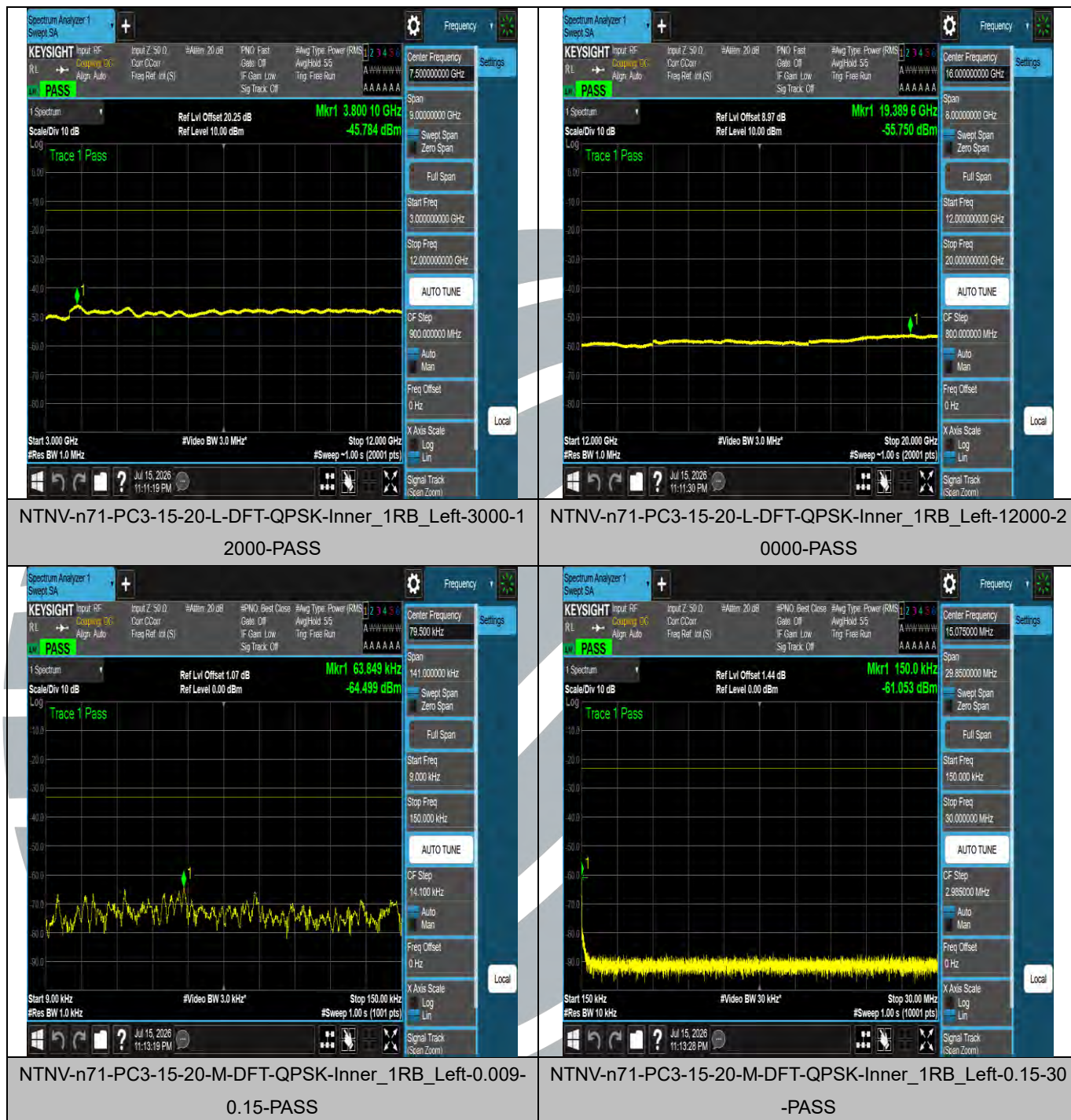
T.4 CONDUCTED SPURIOUS EMISSION FOR SA

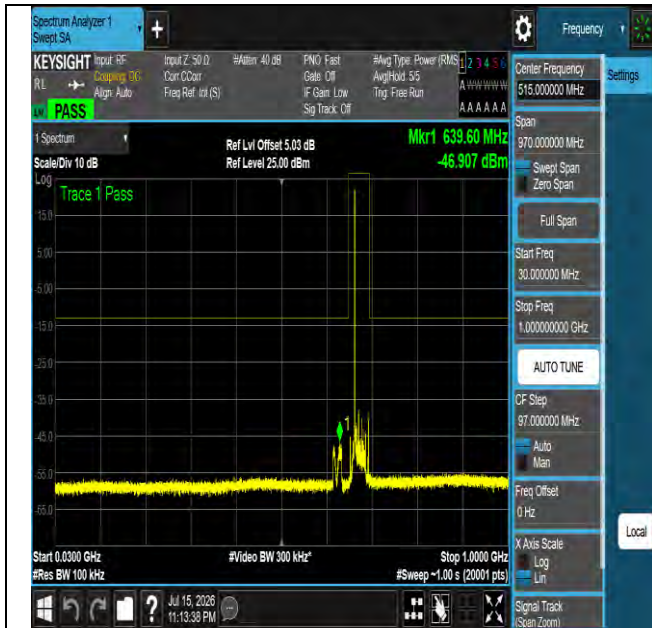
Test Result

Band	SCS (kHz)	BW (MHz)	Modulation	Ch.	RB Config	Start Freq (MHz)	Stop Freq (MHz)	Result (dBm)	Limit (dBm)	Verdict
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	0.009	0.15	-63.91	≤-33dBm	PASS
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	0.15	30	-61.54	≤-23dBm	PASS
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	30	1000	-49.69	≤-13dBm	PASS
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	1000	3000	-39.10	≤-13dBm	PASS
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	3000	12000	-45.78	≤-13dBm	PASS
n71	15	20	DFT-QPSK	L	Inner_1RB_Left	12000	20000	-55.75	≤-13dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	0.009	0.15	-64.50	≤-33dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	0.15	30	-61.05	≤-23dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	30	1000	-46.91	≤-13dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	1000	3000	-39.14	≤-13dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	3000	12000	-45.71	≤-13dBm	PASS
n71	15	20	DFT-QPSK	M	Inner_1RB_Left	12000	20000	-55.90	≤-13dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	0.009	0.15	-64.71	≤-33dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	0.15	30	-62.11	≤-23dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	30	1000	-43.49	≤-13dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	1000	3000	-39.15	≤-13dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	3000	12000	-45.67	≤-13dBm	PASS
n71	15	20	DFT-QPSK	H	Inner_1RB_Left	12000	20000	-55.79	≤-13dBm	PASS

Test Graphs



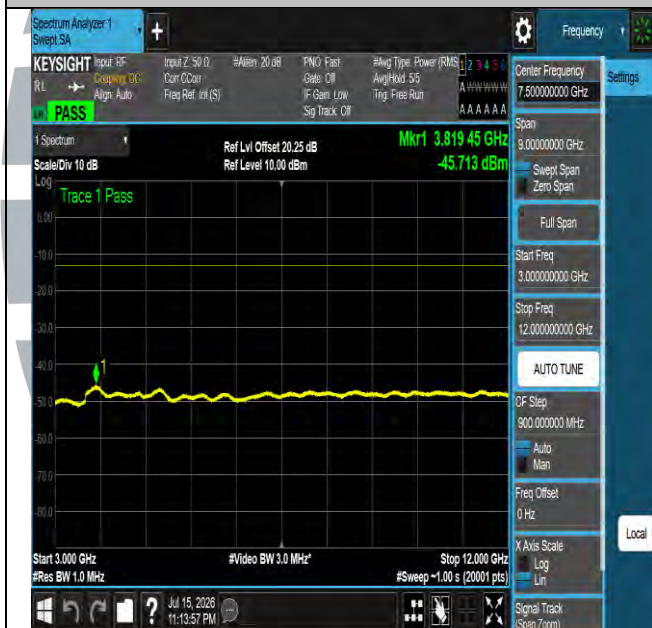




NTNV-n71-PC3-15-20-M-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



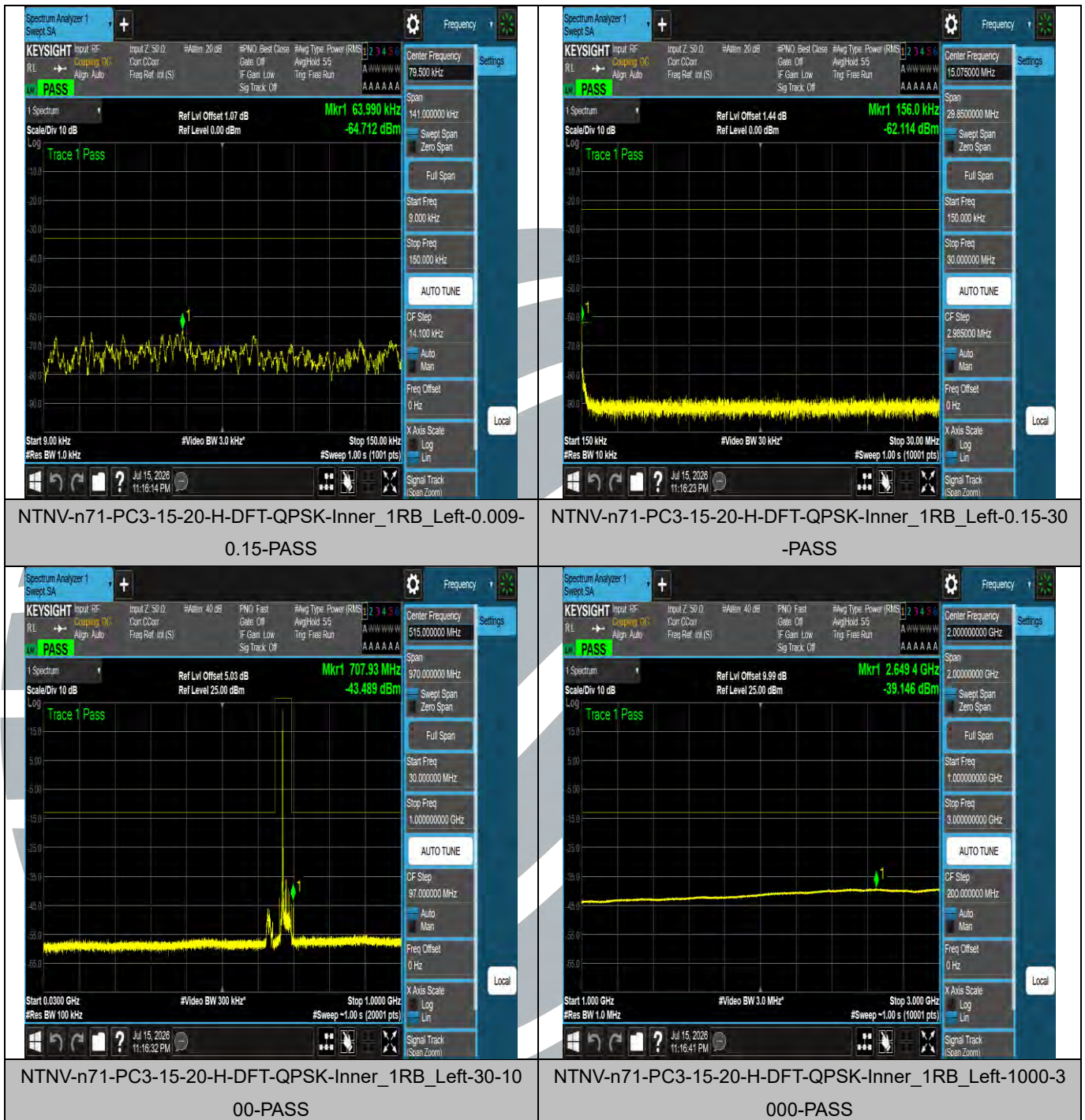
NTNV-n71-PC3-15-20-M-DFT-QPSK-Inner_1RB_Left-1000-3000-PASS

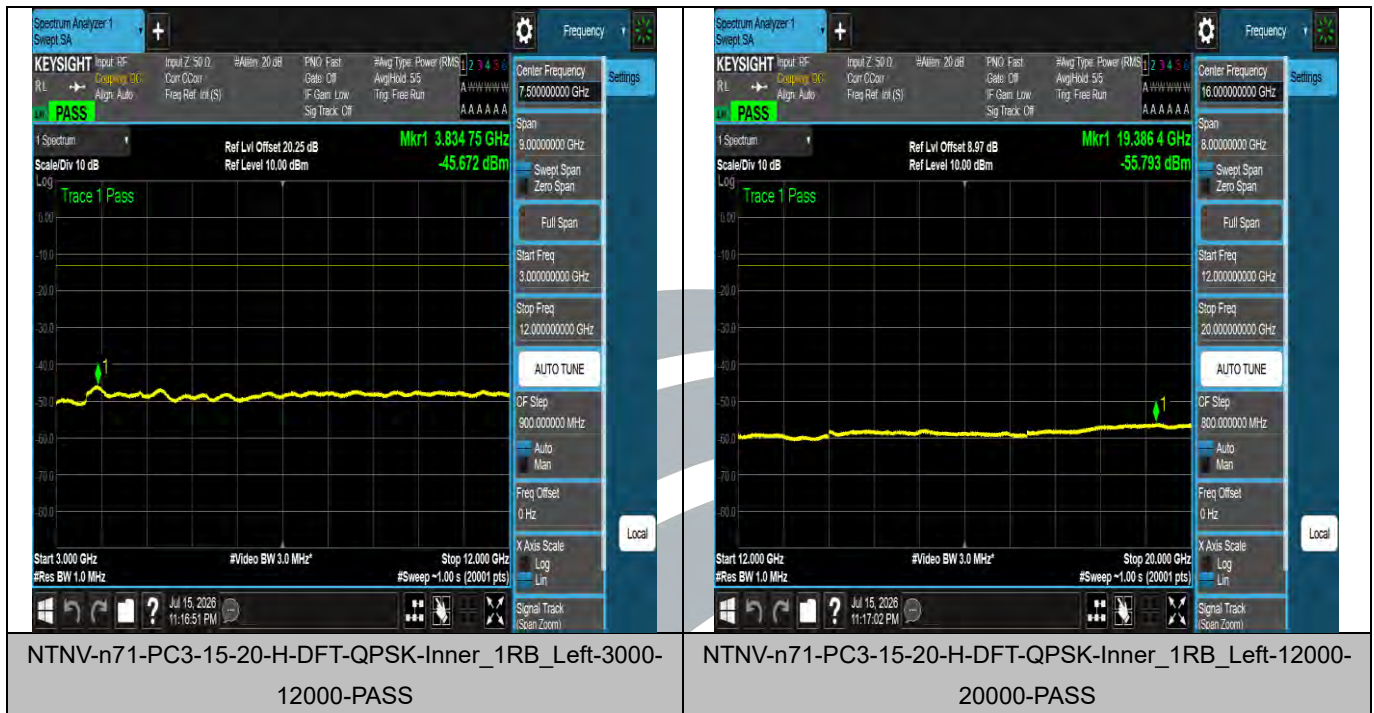


NTNV-n71-PC3-15-20-M-DFT-QPSK-Inner_1RB_Left-3000-12000-PASS



NTNV-n71-PC3-15-20-M-DFT-QPSK-Inner_1RB_Left-12000-20000-PASS





T.5FREQUENCY STABILITY FOR SA

Test Result

Frequency Error VS. Voltage

Voltage													
Band	SCS	BW (MHz)	Modulation	Ch.	RB Config	Voltage	Temp.	Result (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
n71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-0.004051	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-0.004521	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-0.005827	-2.5~2.5	663	698	---	PASS

Frequency Error VS. Temperature

Temperature													
Band	SCS	BW (MHz)	Modulation	Ch.	RB Config	Voltage	Temp.	Result (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
n71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-0.00367	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-0.004917	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-0.005881	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-0.003625	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-0.002875	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-0.003729	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-0.00182	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-0.00028	-2.5~2.5	663	698	---	PASS
n71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-0.003415	-2.5~2.5	663	698	---	PASS