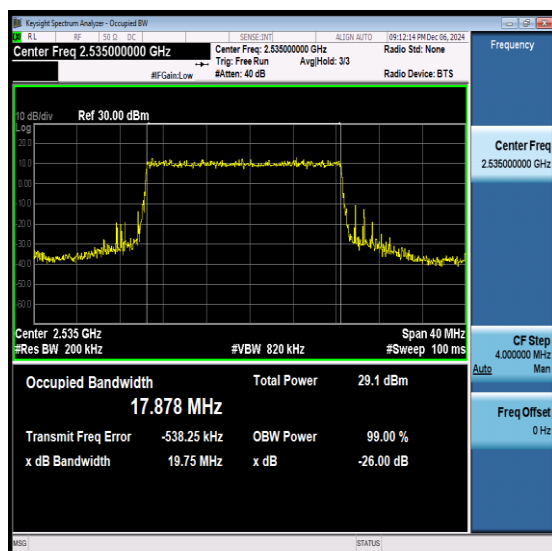
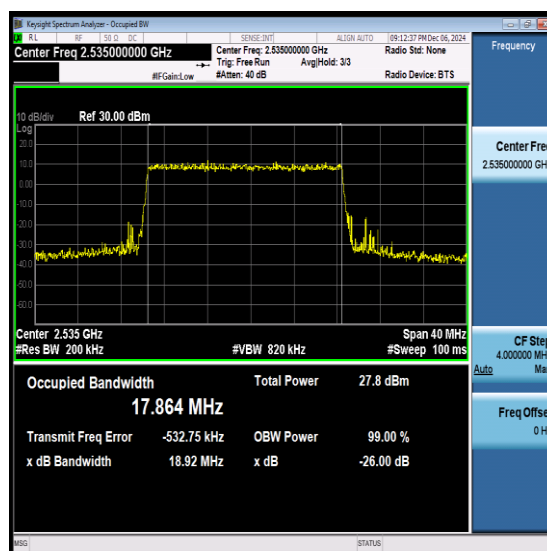
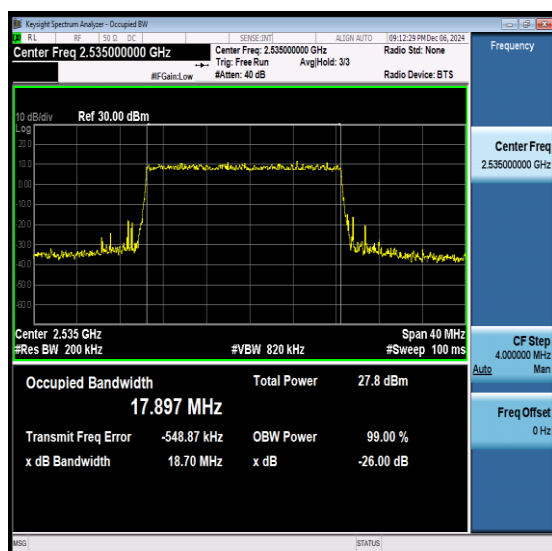




NTNV-N7-PC3-15-20-M-DFT-QPSK-Outer_Full-
Ant1-PASS

NTNV-N7-PC3-15-20-M-DFT-16QAM-Outer_Full-
Ant1-PASS



NTNV-N7-PC3-15-20-M-DFT-64QAM-Outer_Full-
Ant1-PASS

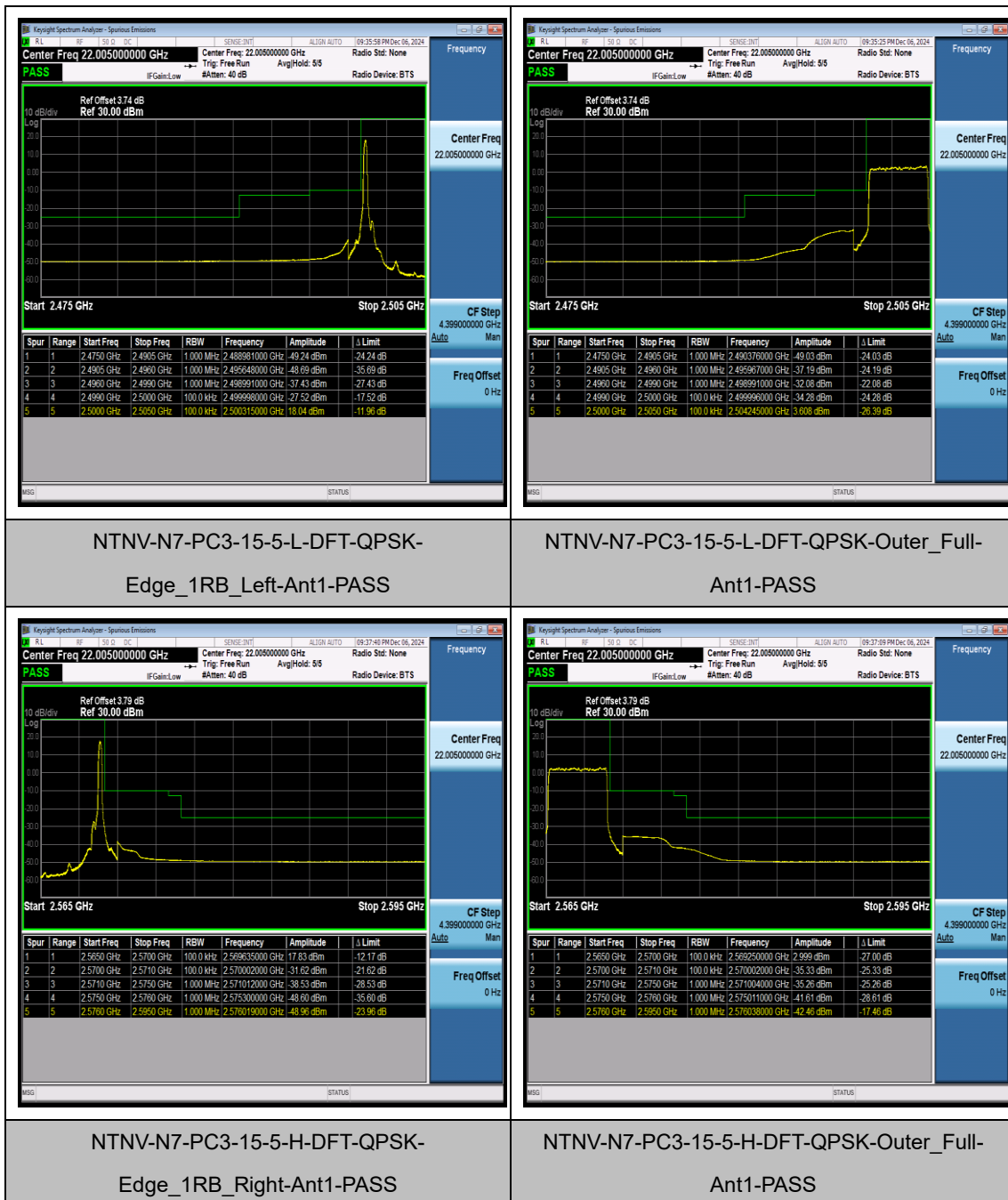
NTNV-N7-PC3-15-20-M-DFT-256QAM-Outer_Full-
Ant1-PASS

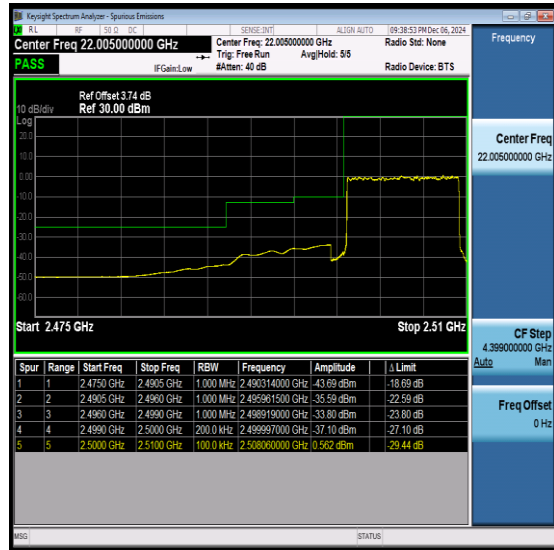
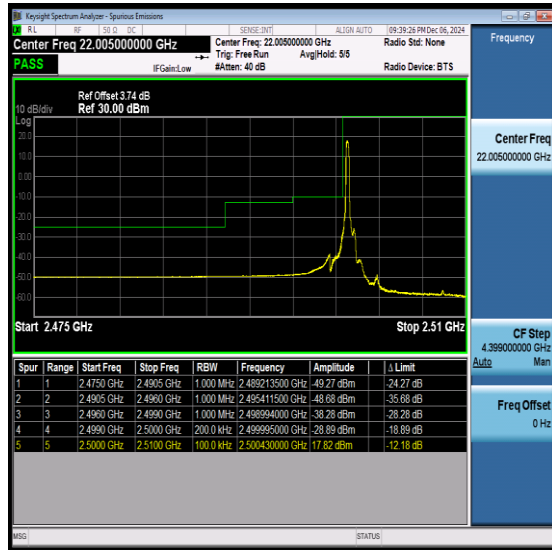
**BAND EDGE FOR SA****TEST RESULT**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	-27.52	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	-32.08	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Right	-31.62	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	-42.46	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	-28.89	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	-43.69	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Right	-32.96	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	-46.60	PASS
N7	15	15	DFT-QPSK	L	Edge_1RB_Left	-31.80	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	-39.13	PASS
N7	15	15	DFT-QPSK	H	Edge_1RB_Right	-33.82	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	-49.23	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	-33.13	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	-40.60	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Right	-33.88	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	-49.47	PASS



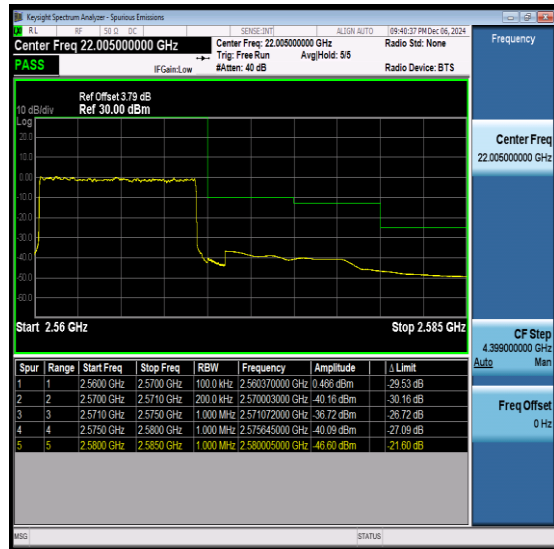
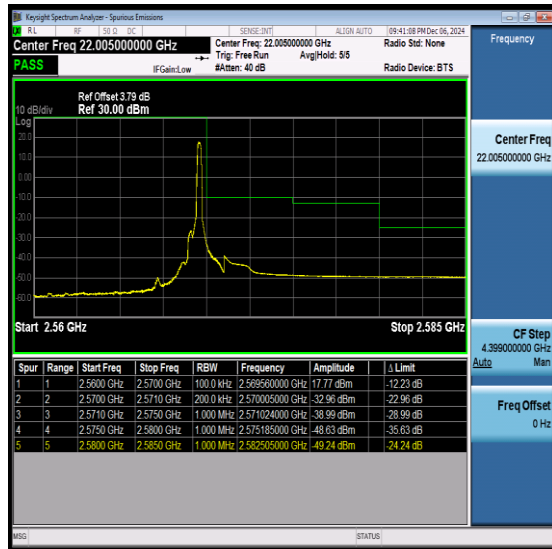
TEST GRAPHS





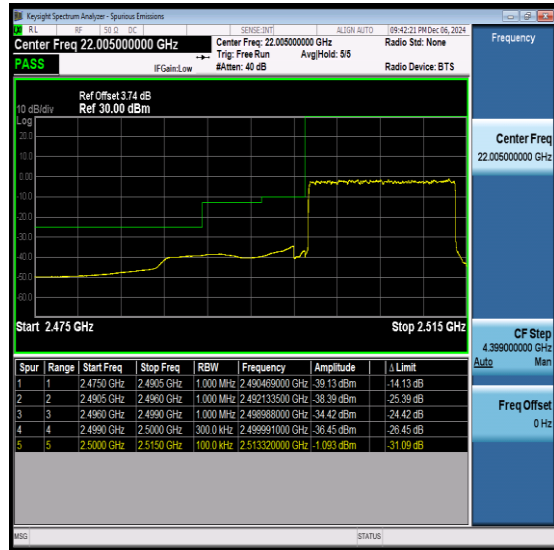
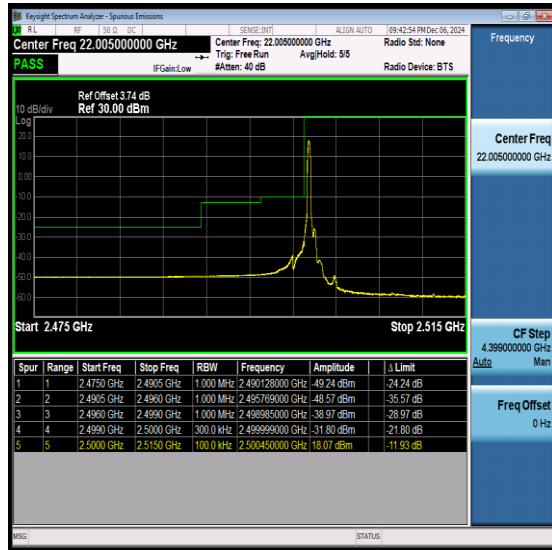
NTNV-N7-PC3-15-10-L-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

NTNV-N7-PC3-15-10-L-DFT-QPSK-Outer_Full-
Ant1-PASS



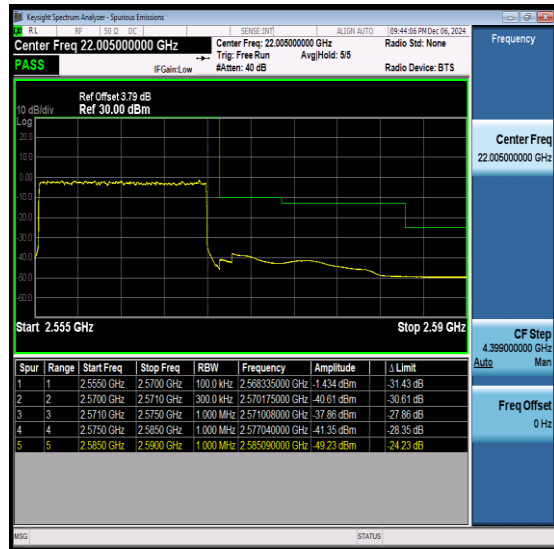
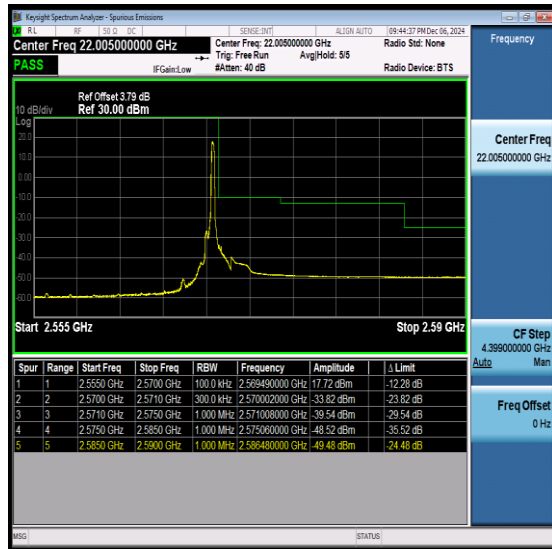
NTNV-N7-PC3-15-10-H-DFT-QPSK-
Edge_1RB_Right-Ant1-PASS

NTNV-N7-PC3-15-10-H-DFT-QPSK-Outer_Full-
Ant1-PASS



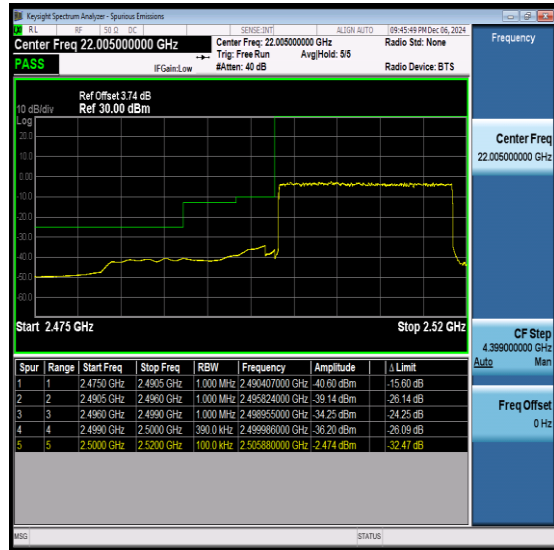
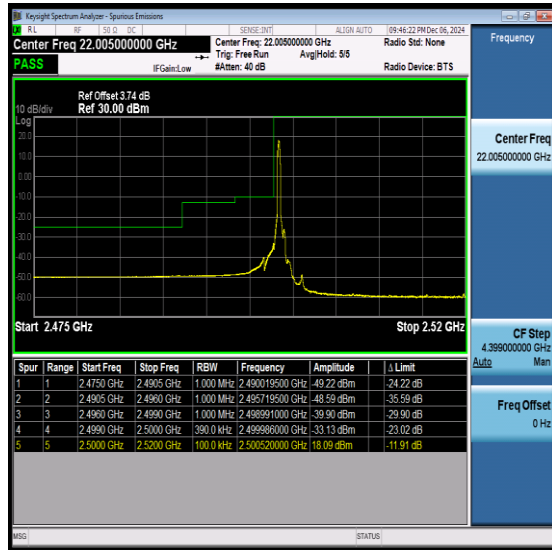
NTNV-N7-PC3-15-15-L-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

NTNV-N7-PC3-15-15-L-DFT-QPSK-Outer_Full-
Ant1-PASS



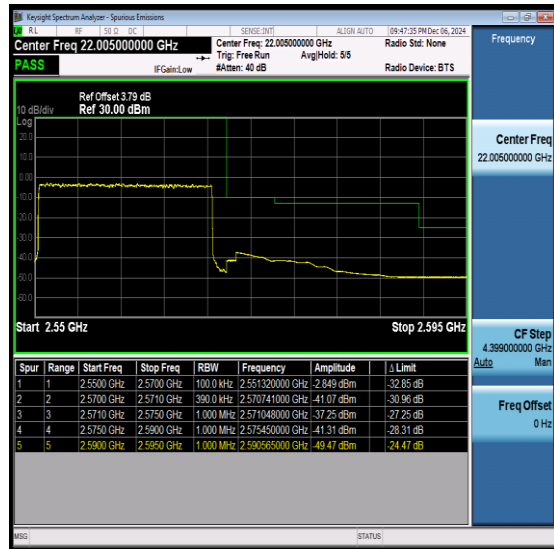
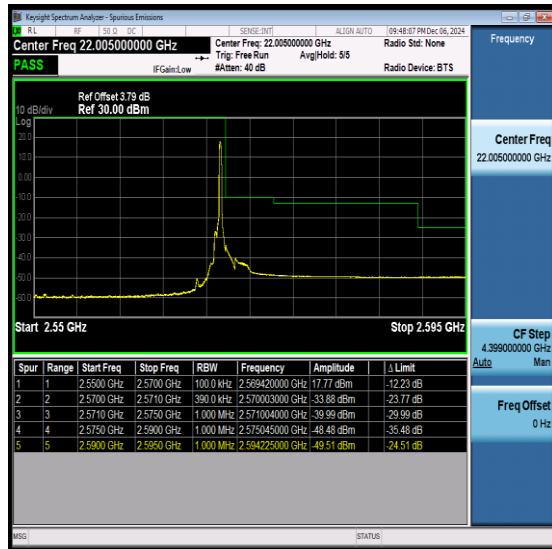
NTNV-N7-PC3-15-15-H-DFT-QPSK-
Edge_1RB_Right-Ant1-PASS

NTNV-N7-PC3-15-15-H-DFT-QPSK-Outer_Full-
Ant1-PASS



NTNV-N7-PC3-15-20-L-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

NTNV-N7-PC3-15-20-L-DFT-QPSK-Outer_Full-
Ant1-PASS



NTNV-N7-PC3-15-20-H-DFT-QPSK-
Edge_1RB_Right-Ant1-PASS

NTNV-N7-PC3-15-20-H-DFT-QPSK-Outer_Full-
Ant1-PASS



CONDUCTED SPURIOUS EMISSION FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.26	-25	PASS
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.40	-25	PASS
N7	15	5	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-52.65	-25	PASS
N7	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.90	-25	PASS
N7	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.44	-25	PASS
N7	15	5	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-52.47	-25	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.93	-25	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.39	-25	PASS
N7	15	5	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-52.53	-25	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.81	-25	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.24	-25	PASS
N7	15	10	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-52.49	-25	PASS
N7	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.35	-25	PASS
N7	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.16	-25	PASS
N7	15	10	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-52.35	-25	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.95	-25	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.31	-25	PASS
N7	15	10	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-52.41	-25	PASS
N7	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.81	-25	PASS
N7	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.30	-25	PASS
N7	15	15	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-52.72	-25	PASS
N7	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.37	-25	PASS
N7	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.33	-25	PASS
N7	15	15	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-52.40	-25	PASS
N7	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.28	-25	PASS
N7	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.15	-25	PASS
N7	15	15	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-52.72	-25	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.35	-25	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-39.37	-25	PASS
N7	15	20	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-52.63	-25	PASS
N7	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.29	-25	PASS
N7	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-39.09	-25	PASS

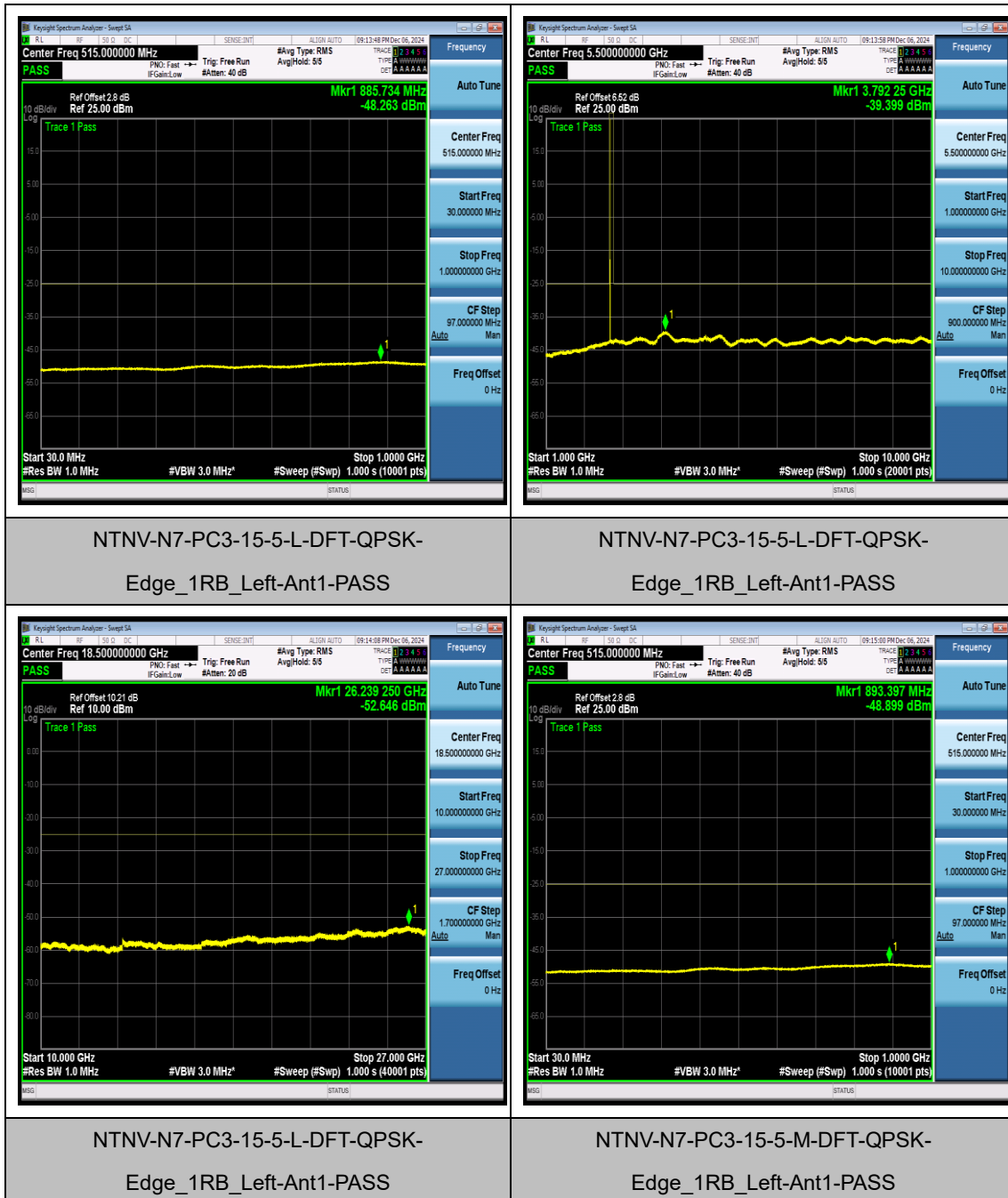


Test Report No.: PSU-QSU2411180418

N7	15	20	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-52.59	-25	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.36	-25	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.30	-25	PASS
N7	15	20	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-52.64	-25	PASS

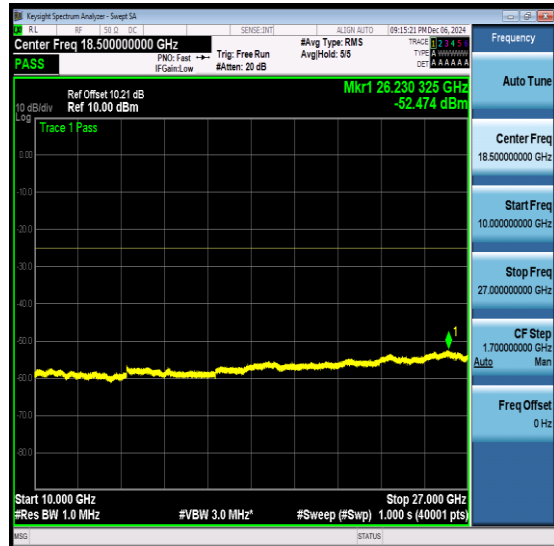


TEST GRAPHS





NTV-N7-PC3-15-5-M-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS



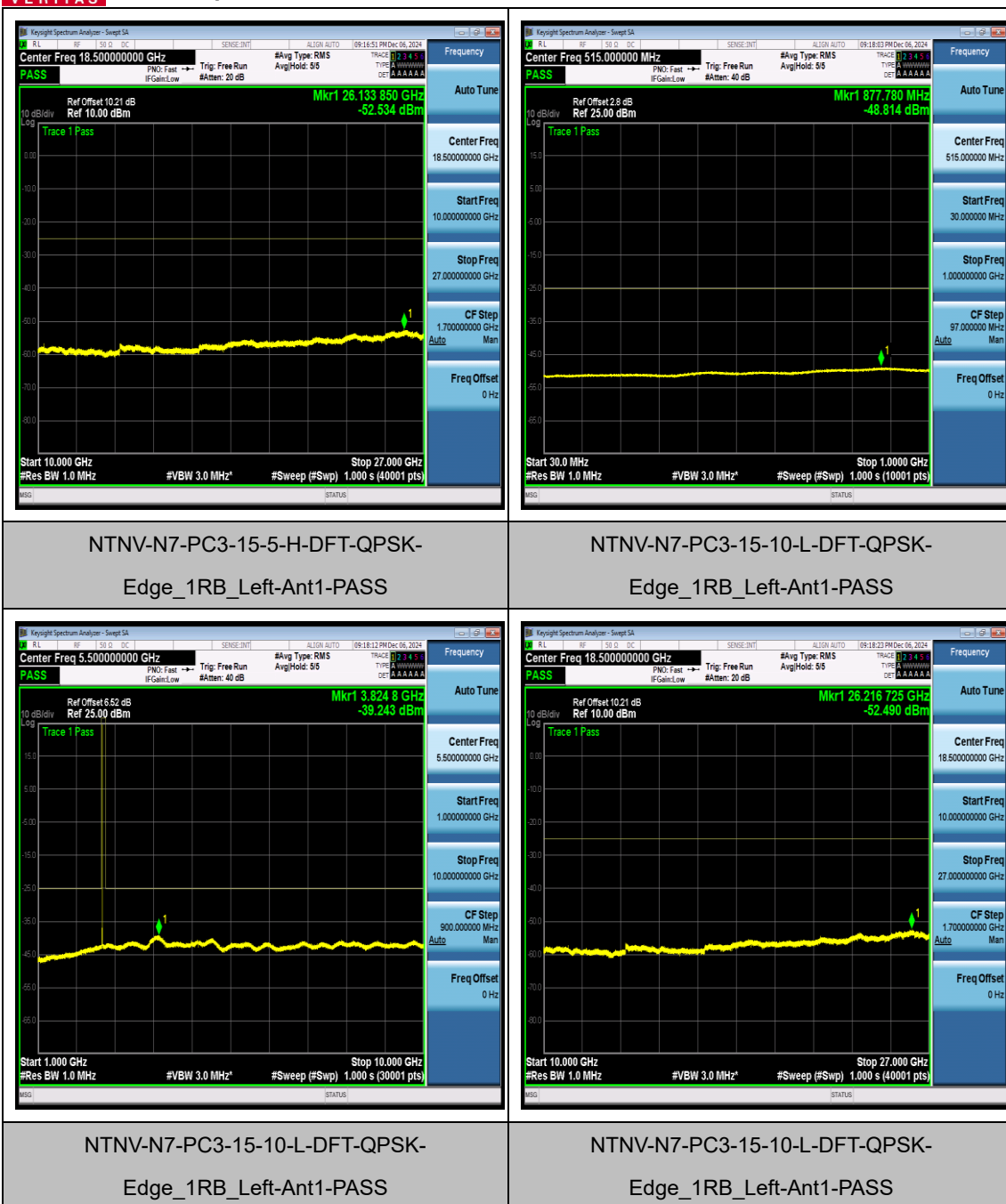
NTV-N7-PC3-15-5-M-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

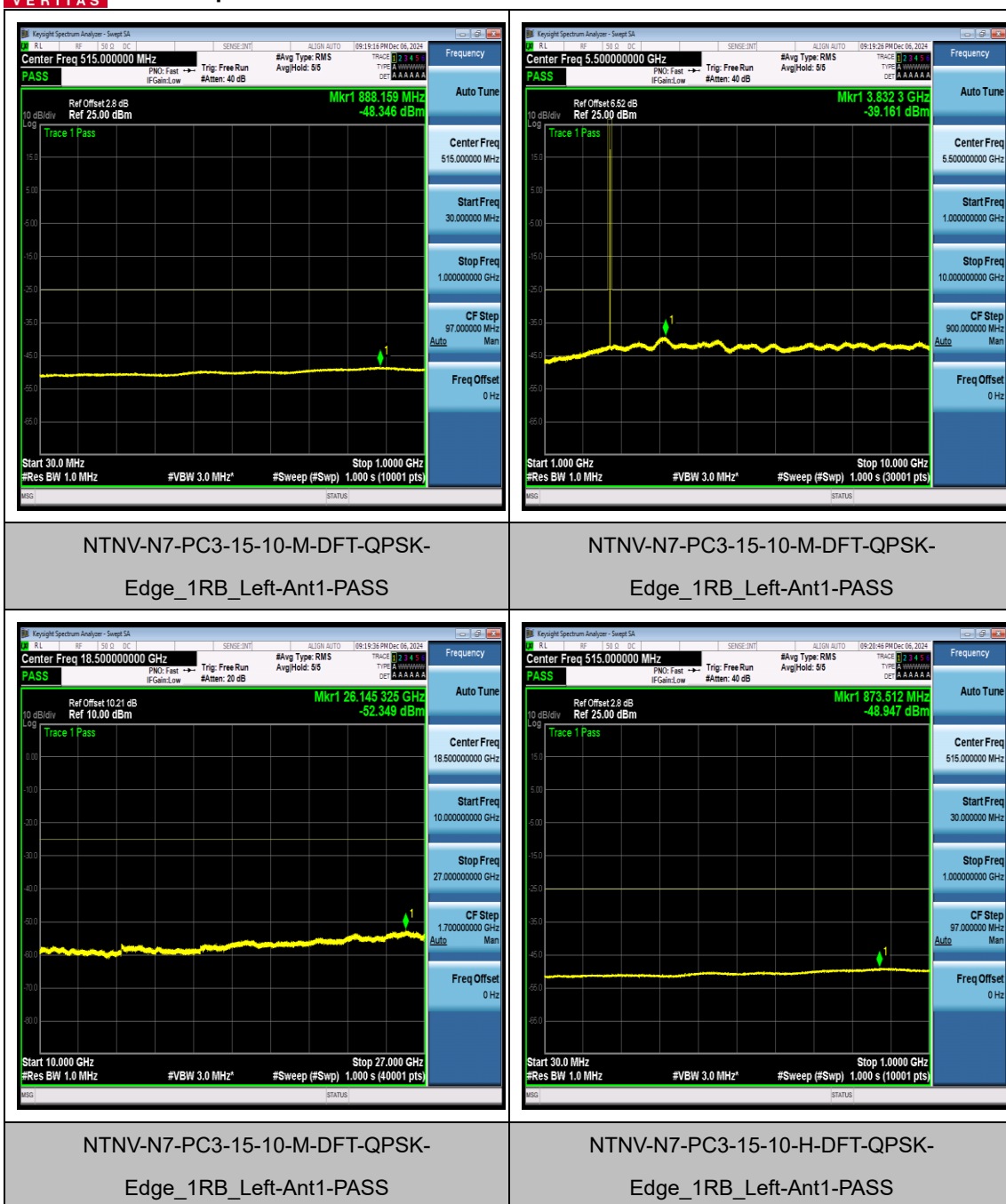


NTV-N7-PC3-15-5-H-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS



NTV-N7-PC3-15-5-H-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS







NTNV-N7-PC3-15-10-H-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS



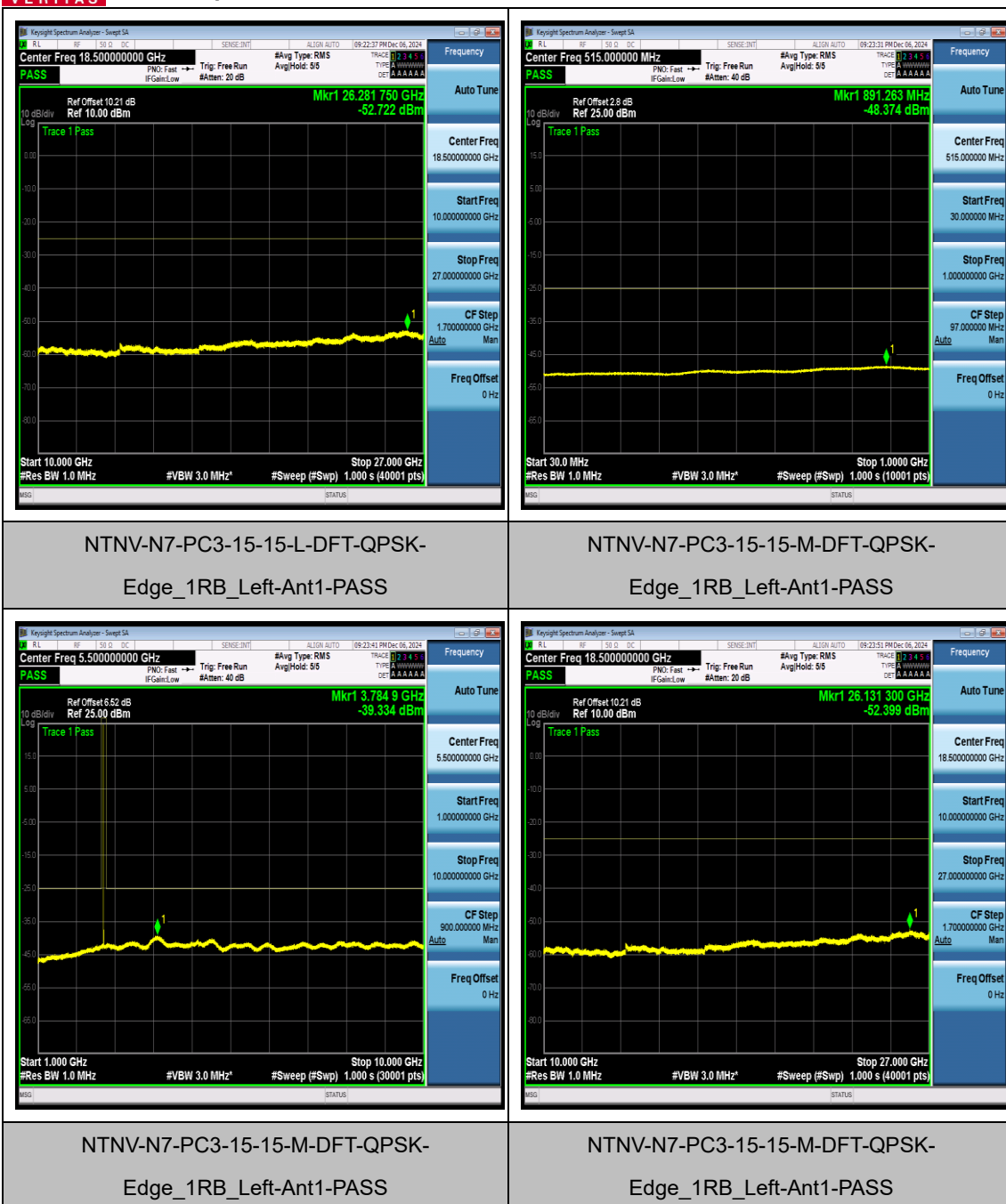
NTNV-N7-PC3-15-10-H-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

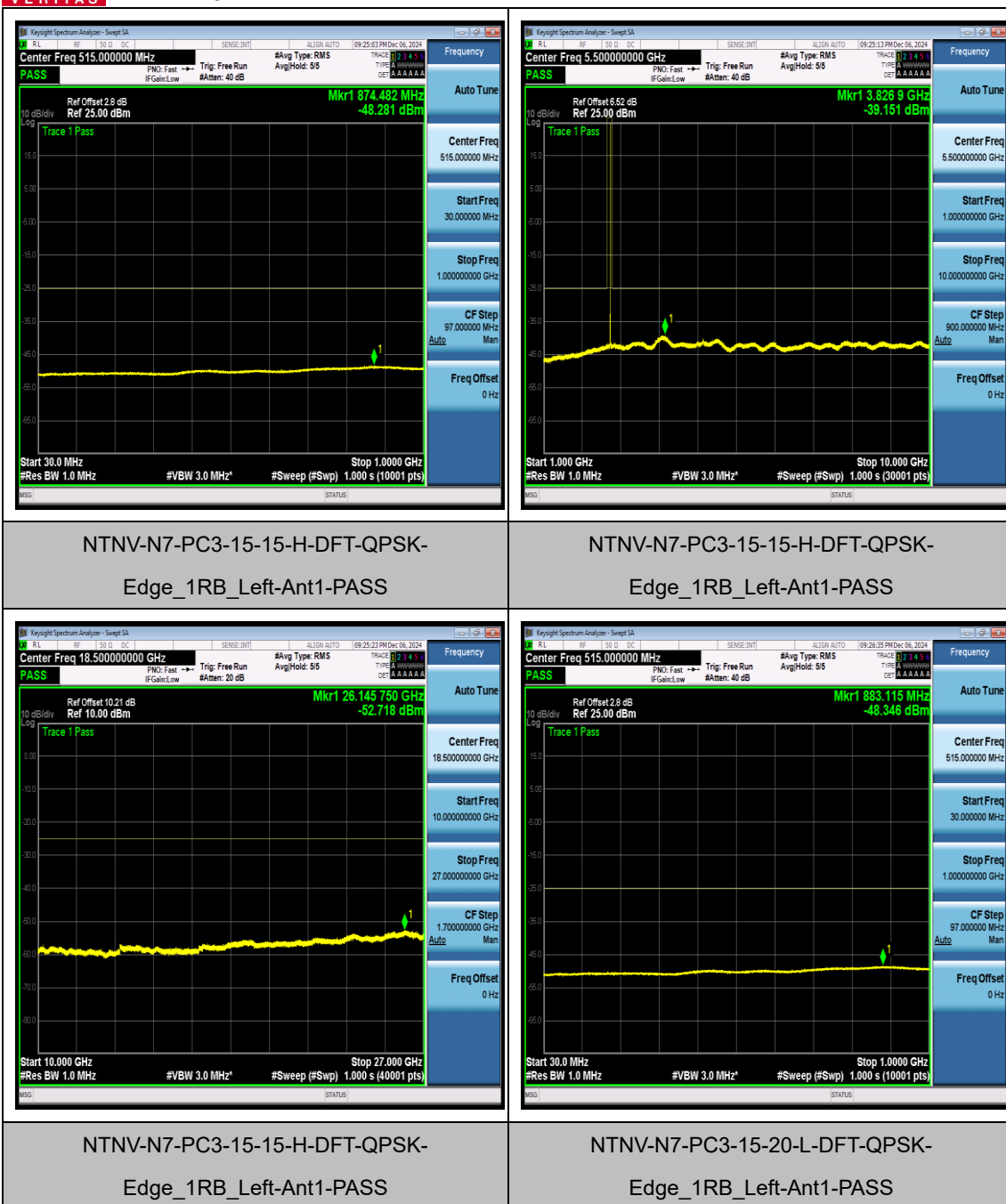


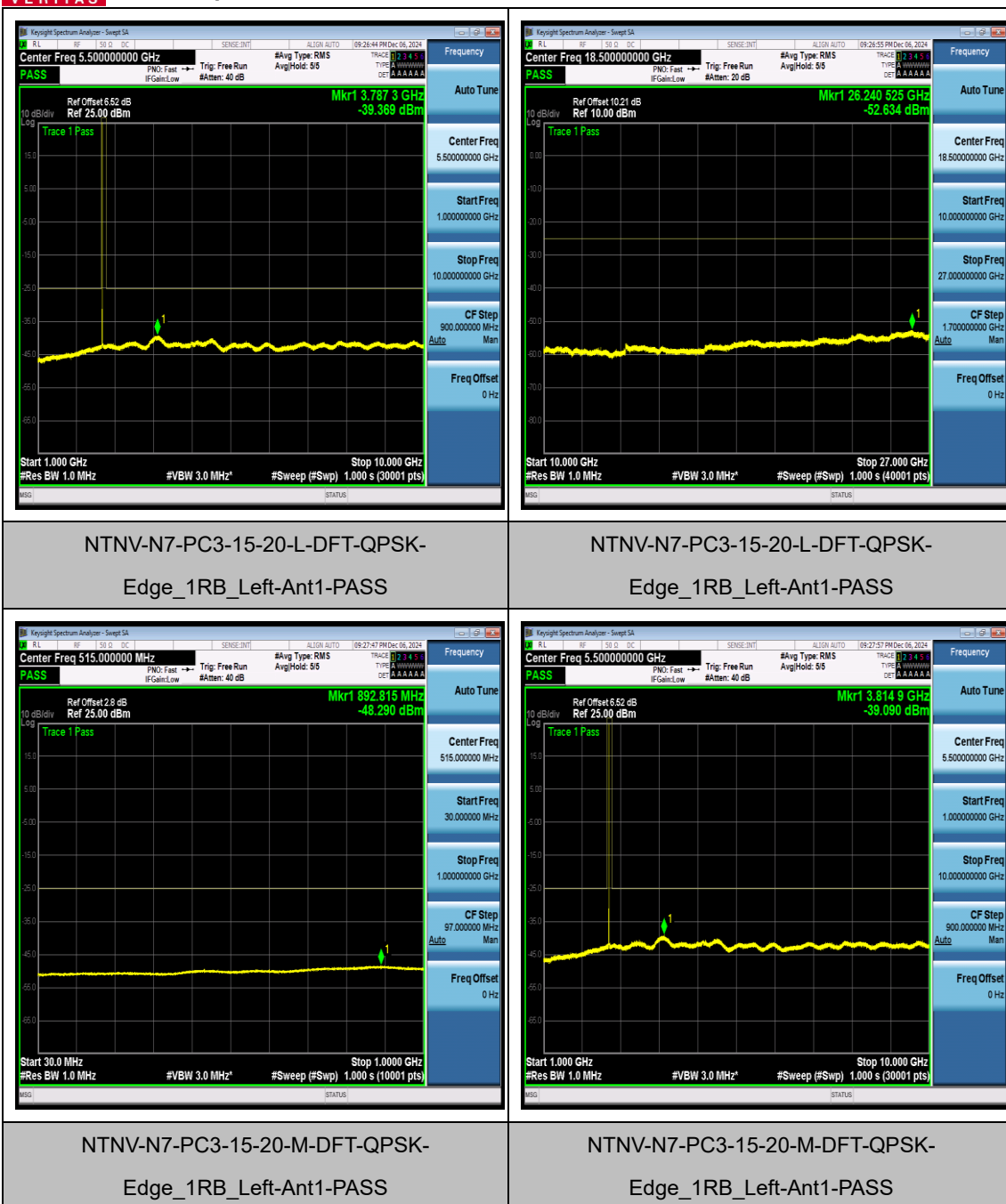
NTNV-N7-PC3-15-15-L-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS

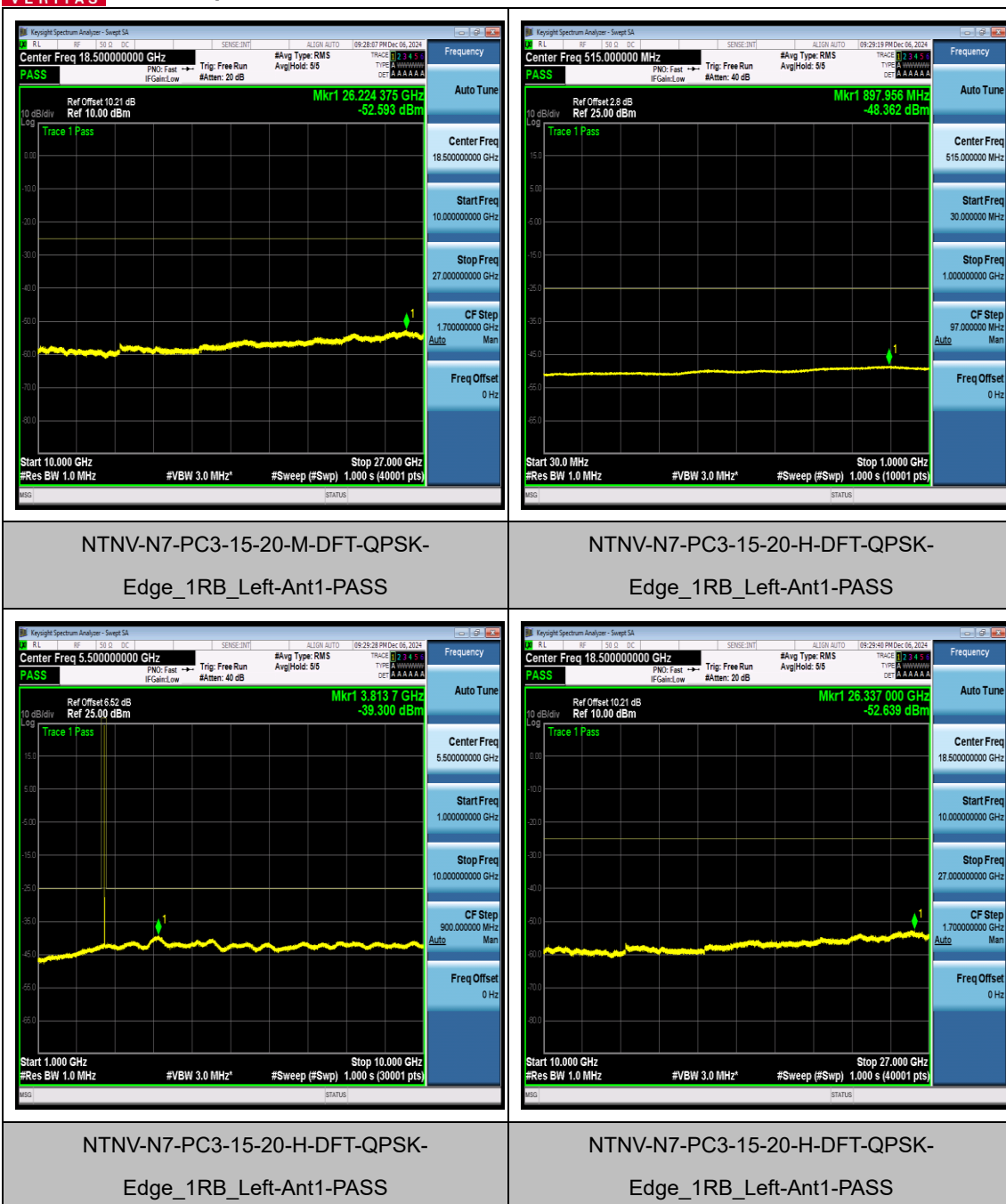


NTNV-N7-PC3-15-15-L-DFT-QPSK-
Edge_1RB_Left-Ant1-PASS











FREQUENCY STABILITY FOR SA

TEST RESULT

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	VL	NT	1.040000	0.000416	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VN	NT	0.507000	0.000203	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-1.640000	-0.000655	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-3.461000	-0.001365	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-2.719000	-0.001073	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-2.353000	-0.000928	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VL	NT	4.168000	0.001623	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VN	NT	3.498000	0.001362	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VH	NT	1.649000	0.000642	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-0.787000	-0.000314	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-0.613000	-0.000245	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-1.951000	-0.000780	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	0	0.097000	0.000039	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	10	-0.219000	-0.000088	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	20	1.903000	0.000760	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	30	2.132000	0.000852	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	40	-1.575000	-0.000629	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	50	1.585000	0.000633	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-4.790000	-0.001890	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-2.296000	-0.000906	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-2.790000	-0.001101	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	0	-3.795000	-0.001497	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	10	-2.692000	-0.001062	PASS



N7	15	5	DFT-QPSK	M	Outer_Full	NV	20	-1.892000	-0.000746	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	30	-2.895000	-0.001142	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	40	-3.923000	-0.001548	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.012000	0.000005	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-0.370000	-0.000144	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-20	1.082000	0.000421	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-0.038000	-0.000015	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	0	2.157000	0.000840	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	10	2.984000	0.001162	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	20	4.293000	0.001672	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	30	5.335000	0.002078	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	40	-0.126000	-0.000049	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	50	0.424000	0.000165	PASS

N12

PEAK-TO-AVERAGE RATIO FOR SA

PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	4.80	≤13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	5.04	≤13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	5.08	≤13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	5.40	≤13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	5.24	≤13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	5.36	≤13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	5.18	≤13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	5.18	≤13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	5.14	≤13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	5.06	≤13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	5.30	≤13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	4.32	≤13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	5.00	≤13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	5.24	≤13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	5.08	≤13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	5.26	≤13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	5.16	≤13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	5.24	≤13	PASS