



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
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-1.607000	-0.000464	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-5.520000	-0.001595	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-8.676000	-0.002508	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-4.281000	-0.001223	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	1.454000	0.000415	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-2.455000	-0.000701	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.700000	-0.001328	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-6.823000	-0.001927	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-1.114000	-0.000315	PASS

Frequency Error VS. Temperature



Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.532000	-0.001310	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-8.664000	-0.002504	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-5.667000	-0.001638	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-3.600000	-0.001040	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-6.335000	-0.001831	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-2.878000	-0.000832	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-8.081000	-0.002336	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-7.455000	-0.002155	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-5.087000	-0.001470	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	1.154000	0.000330	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.671000	-0.001620	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	0.008000	0.000002	PASS



3450- 3550										
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-3.686000	-0.001053	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-2.398000	-0.000685	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-0.555000	-0.000159	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-0.127000	-0.000036	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	2.233000	0.000638	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-3.336000	-0.000953	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-4.741000	-0.001339	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-7.340000	-0.002073	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-2.229000	-0.000630	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-1.077000	-0.000304	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	10	-3.712000	-0.001049	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-5.959000	-0.001683	PASS



3550										
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-1.576000	-0.000445	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-2.928000	-0.000827	PASS
N77- 3450- 3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-1.272000	-0.000359	PASS

N77 3450-3550 MIMO

PEAK-TO-AVERAGE RATIO FOR MIMO

PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT-ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	4.90	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.21	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	4.42	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.45	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	4.51	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.00	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Edge_1RB_Left	5.57	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	4.86	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Edge_1RB_Left	5.67	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	5.10	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Edge_1RB_Left	4.94	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	4.51	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Edge_1RB_Left	5.69	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	5.16	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Edge_1RB_Left	4.82	≤13	PASS



3550								
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	5.35	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Edge_1RB_Left	5.23	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	4.75	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Edge_1RB_Left	4.26	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	5.17	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Edge_1RB_Left	4.40	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	5.18	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Edge_1RB_Left	4.63	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	4.79	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Edge_1RB_Left	5.17	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	5.31	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Edge_1RB_Left	5.17	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	5.35	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Edge_1RB_Left	5.17	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	5.36	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Left	4.55	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	4.75	≤13	PASS



TEST RESULT-ANT7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	4.33	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.59	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	4.30	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.57	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	4.16	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.52	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Edge_1RB_Left	4.91	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	5.33	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Edge_1RB_Left	4.74	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	5.31	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Edge_1RB_Left	4.52	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	5.34	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Edge_1RB_Left	5.07	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	5.62	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Edge_1RB_Left	4.90	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	5.55	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Edge_1RB_Left	4.75	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	5.55	≤13	PASS



3550								
N77-3450-3550	30	60	DFT-QPSK	L	Edge_1RB_Left	5.07	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	5.21	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Edge_1RB_Left	5.01	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	5.30	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Edge_1RB_Left	4.89	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	5.33	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Edge_1RB_Left	5.01	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	5.49	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Edge_1RB_Left	5.07	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	5.56	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Edge_1RB_Left	4.98	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	5.46	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Left	4.38	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	4.80	≤13	PASS

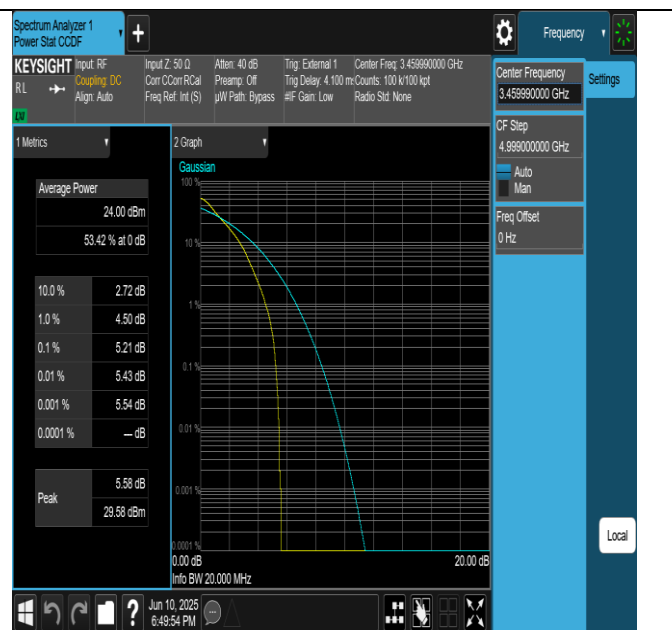


TEST GRAPHS-ANT1



NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-

Edge_1RB_Left-PASS



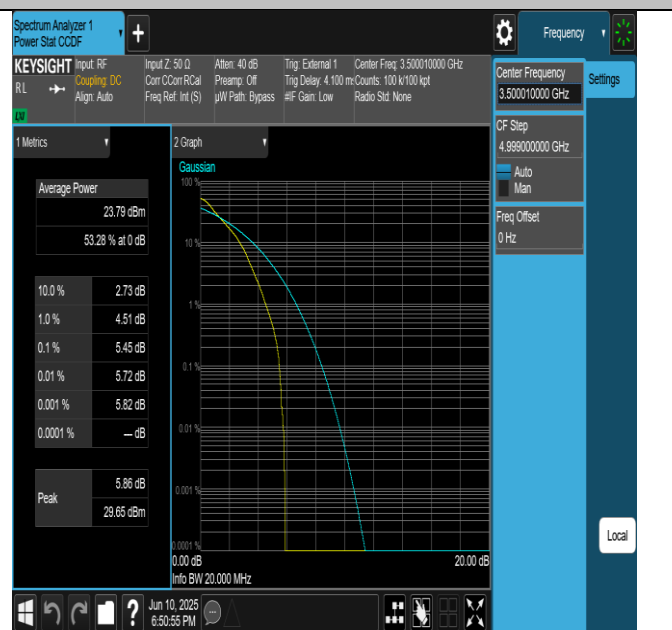
NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-Outter_Full-

PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-

Edge_1RB_Left-PASS

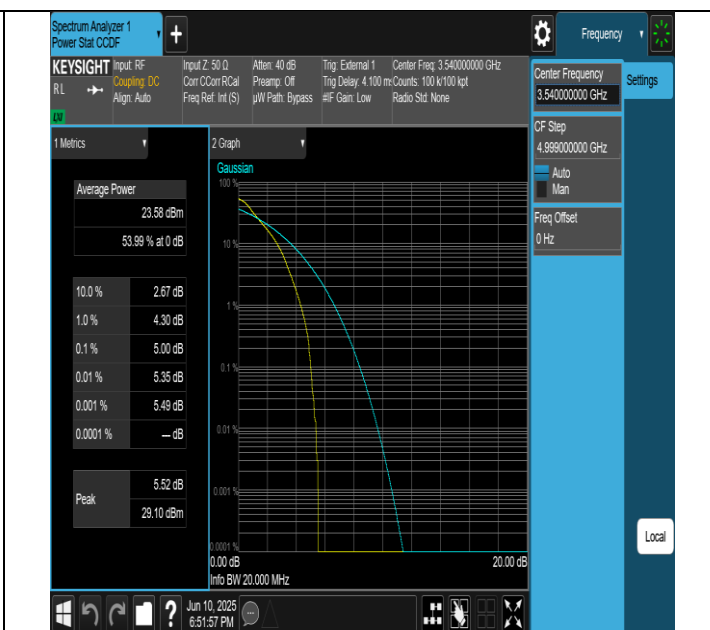


NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Outter_Full-

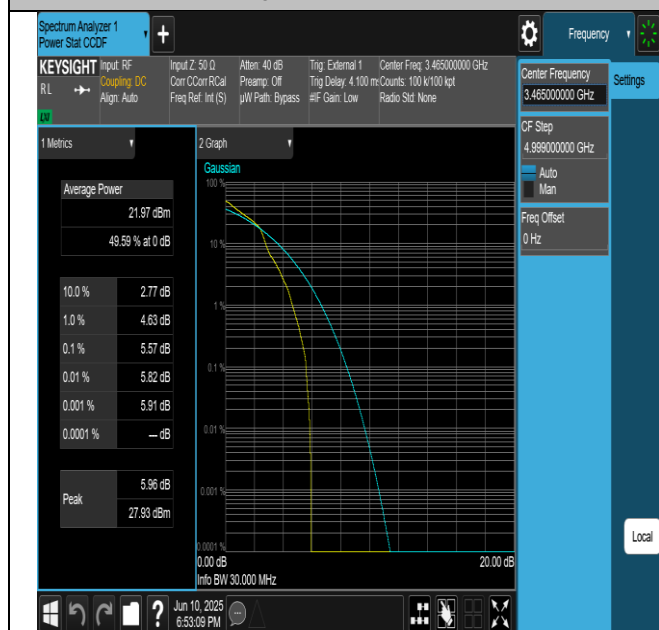
PASS



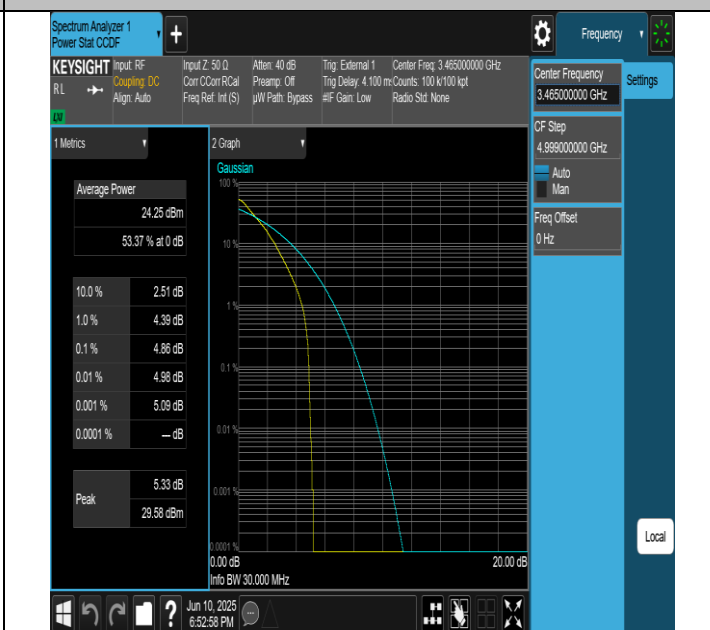
NTNV-N77-3450-3550-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-20-H-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-
Edge_1RB_Left-PASS

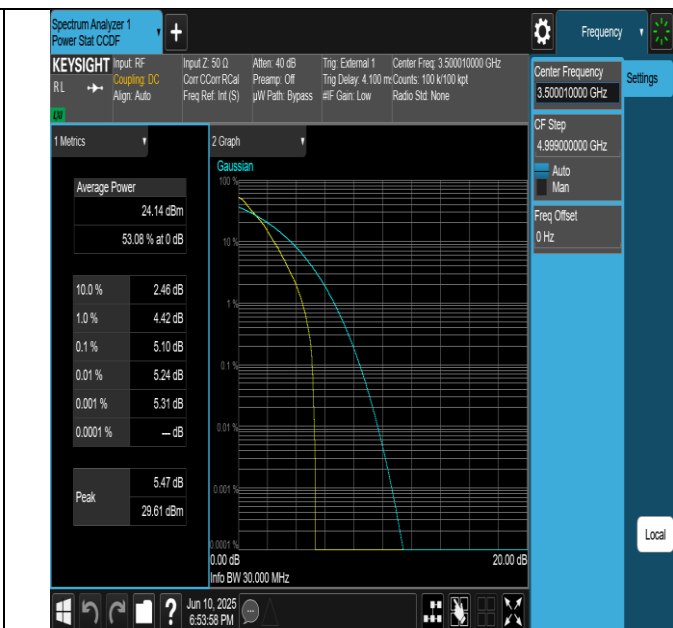


NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-Outer_Full-
PASS



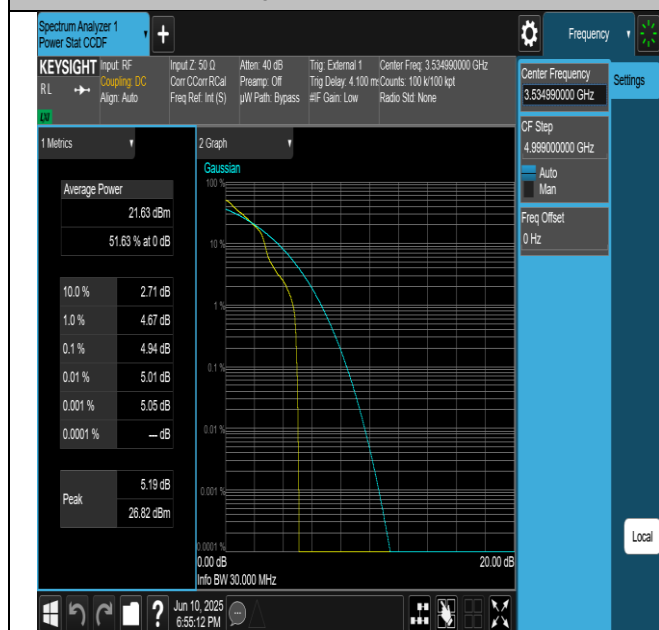
NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-

Edge_1RB_Left-PASS



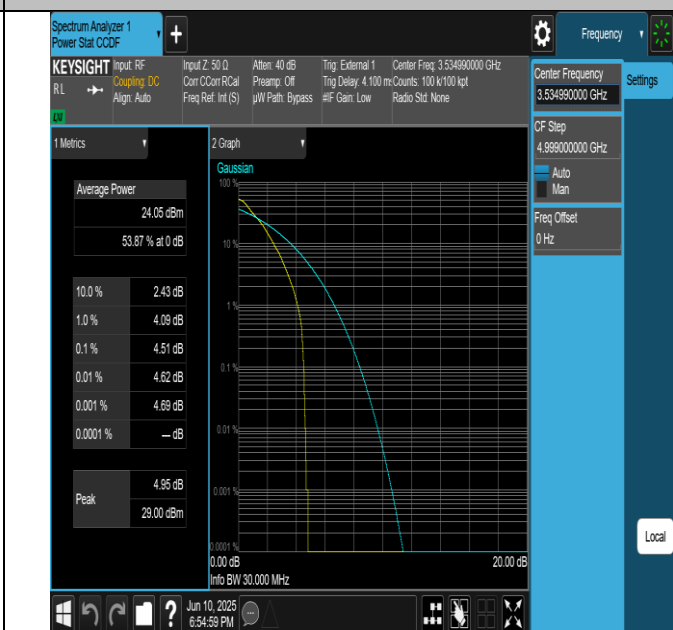
NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-Outer_Full-

PASS



NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-

Edge_1RB_Left-PASS

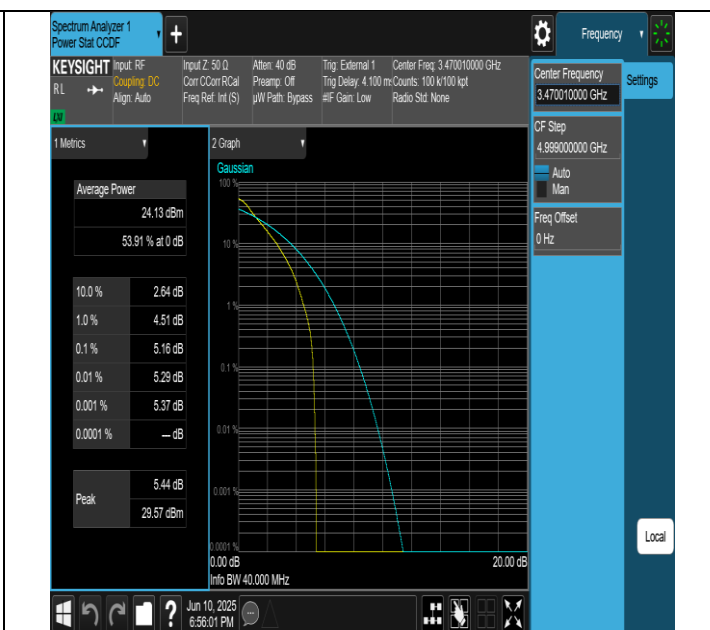


NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-Outer_Full-

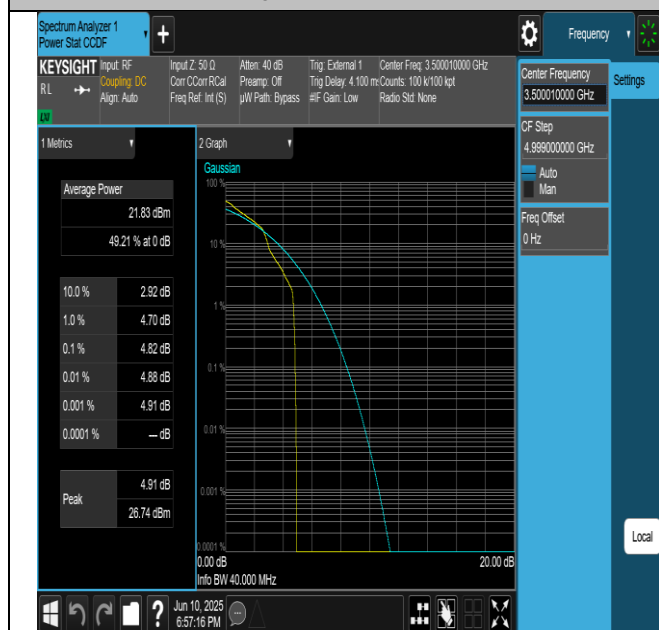
PASS



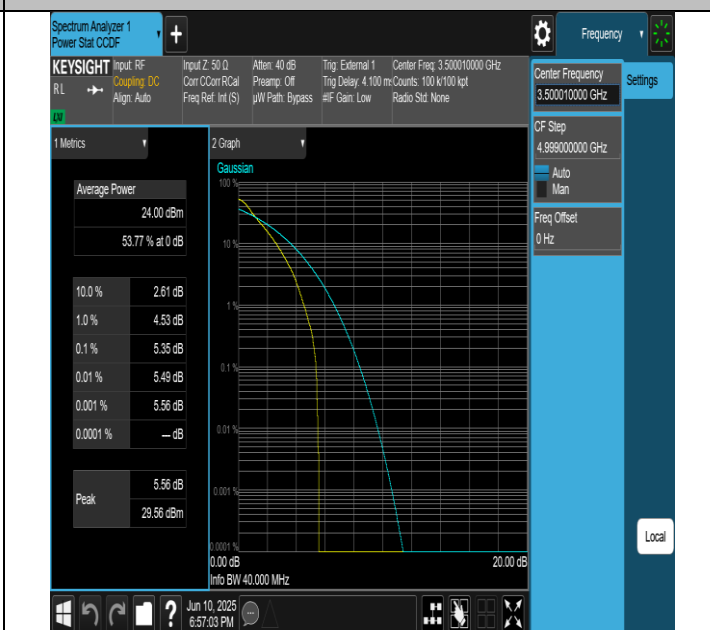
NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-Outer_Full-
PASS



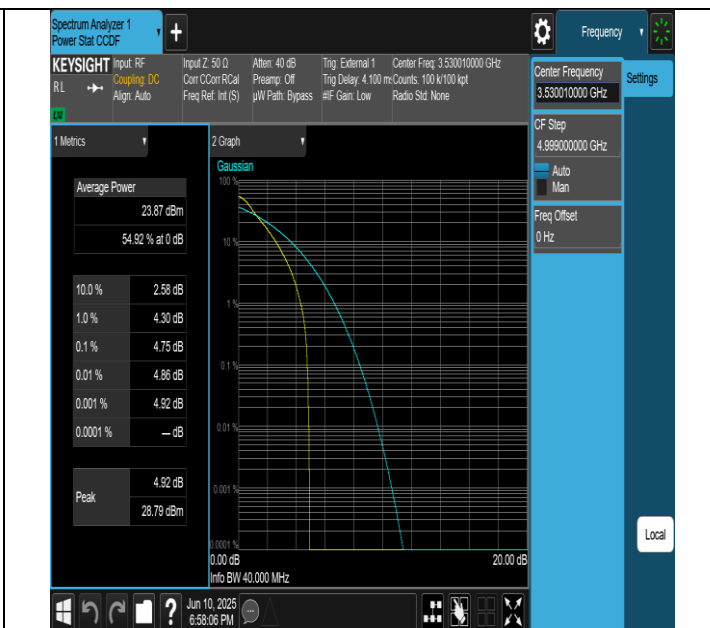
NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-
Edge_1RB_Left-PASS



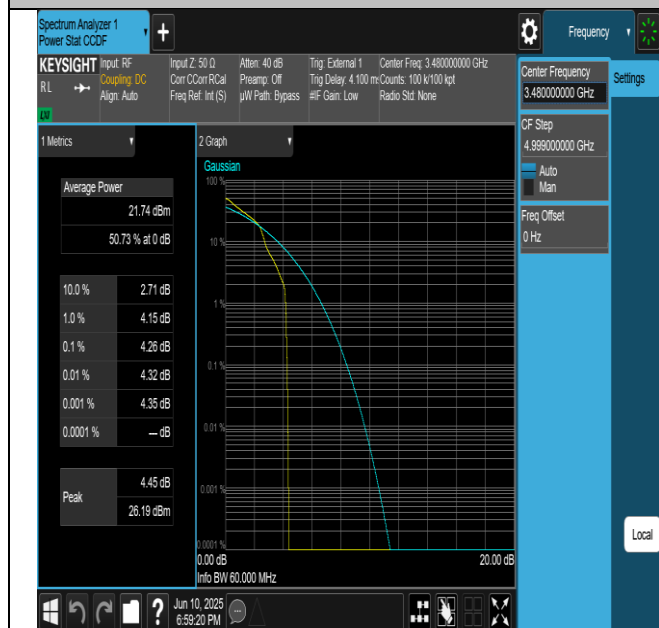
NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-Outer_Full-
PASS



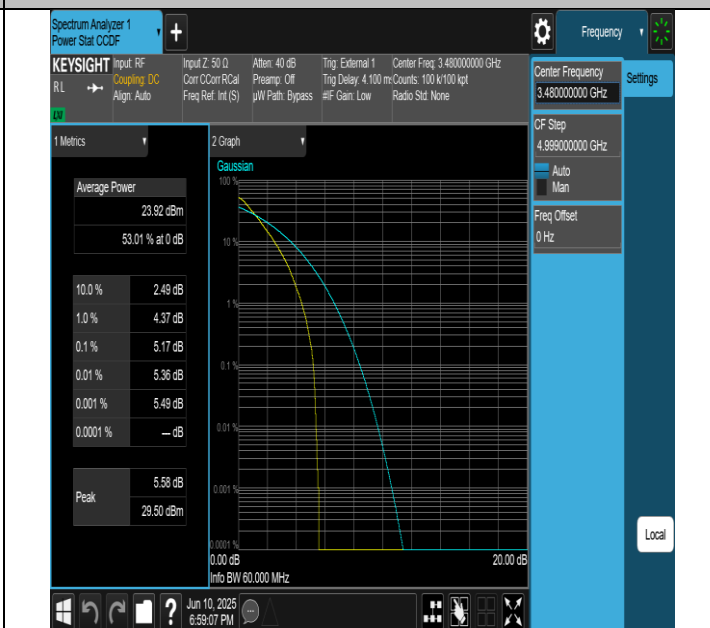
NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-
Edge_1RB_Left-PASS

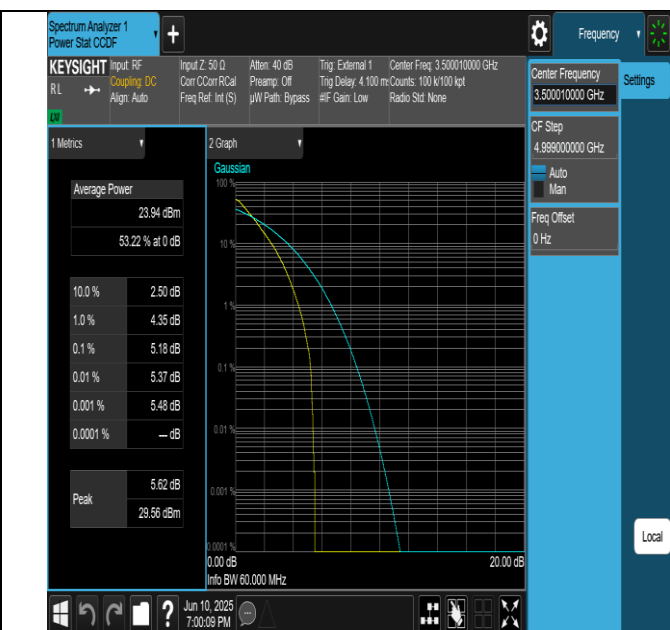


NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-Outer_Full-
PASS



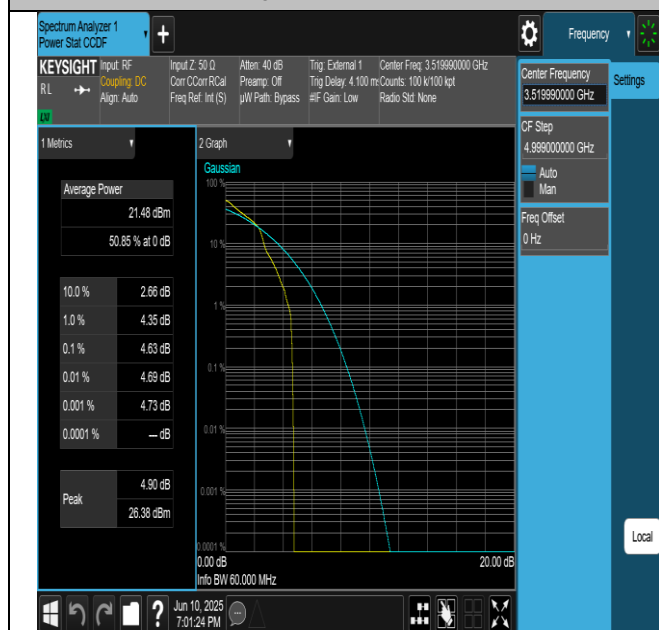
NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-

Edge_1RB_Left-PASS



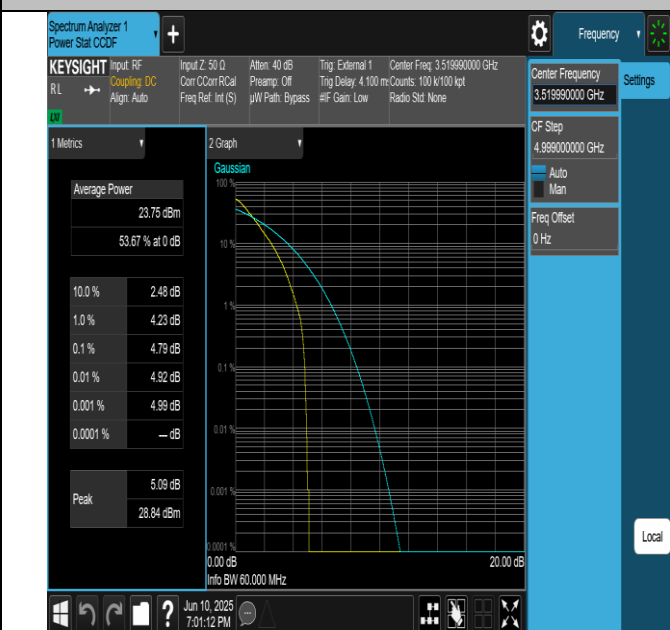
NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-Outer_Full-

PASS



NTNV-N77-3450-3550-PC2-30-60-H-DFT-QPSK-

Edge_1RB_Left-PASS

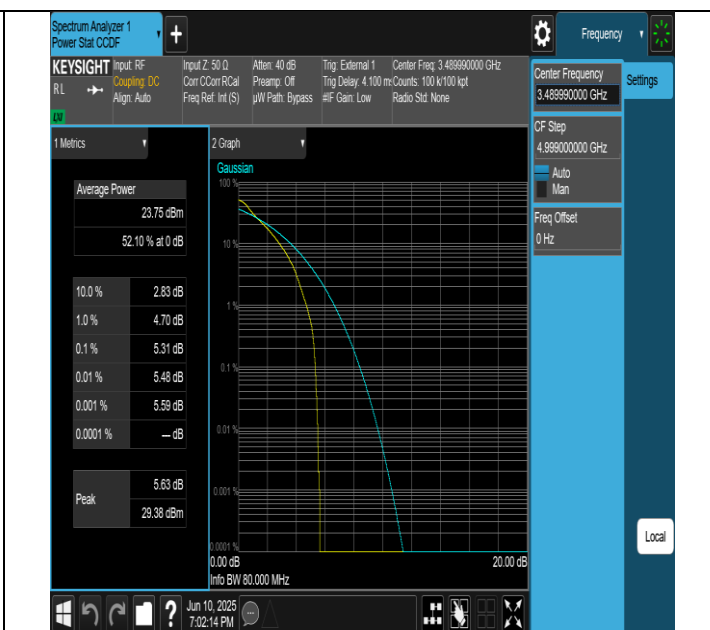


NTNV-N77-3450-3550-PC2-30-60-H-DFT-QPSK-Outer_Full-

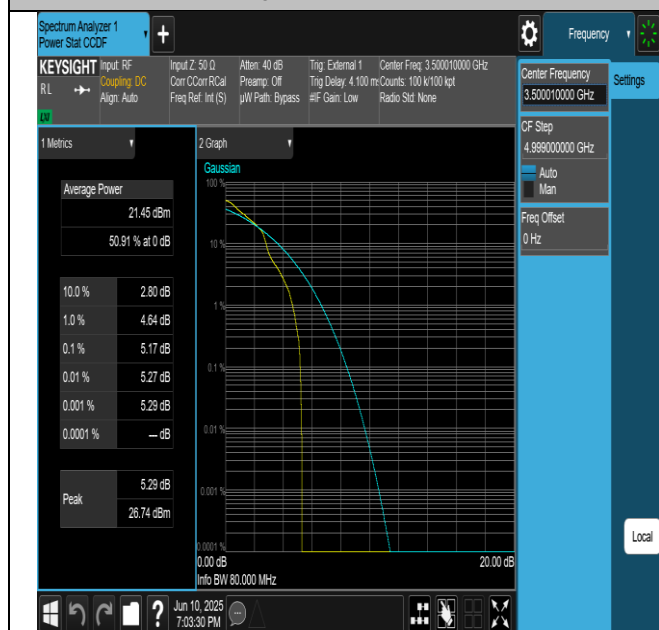
PASS



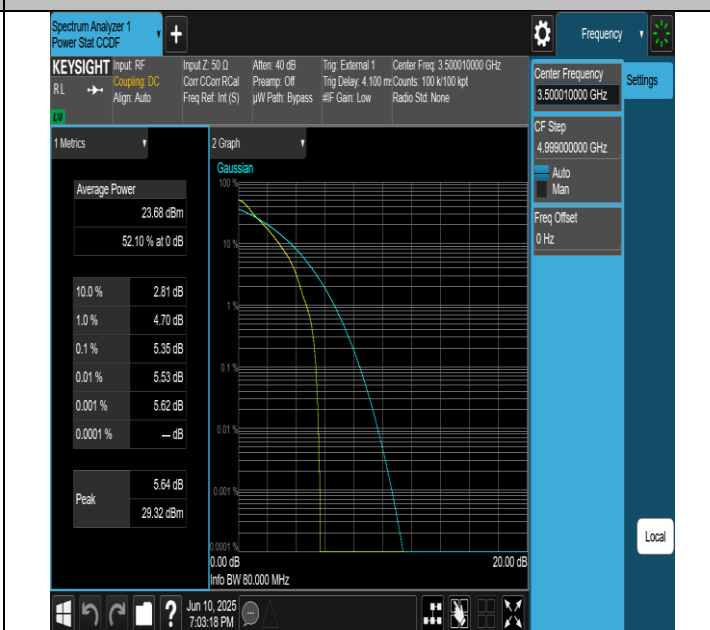
NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-Outer_Full-
PASS



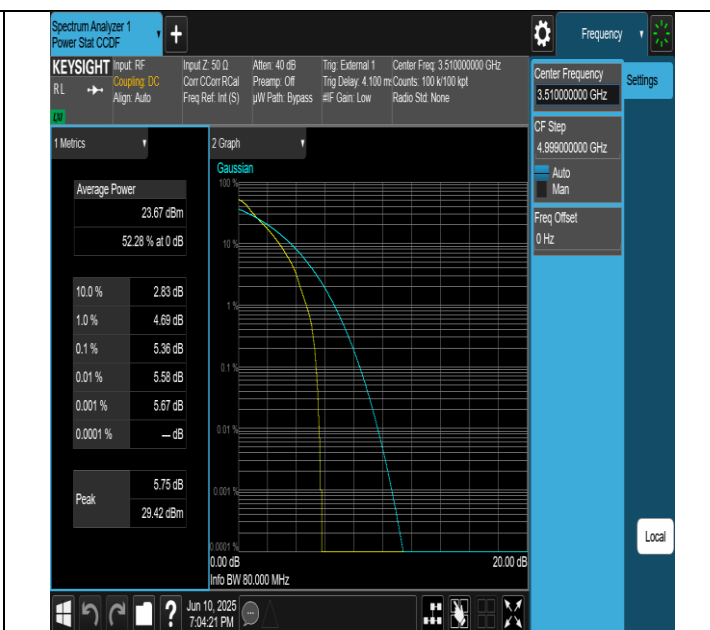
NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge_1RB_Left-PASS



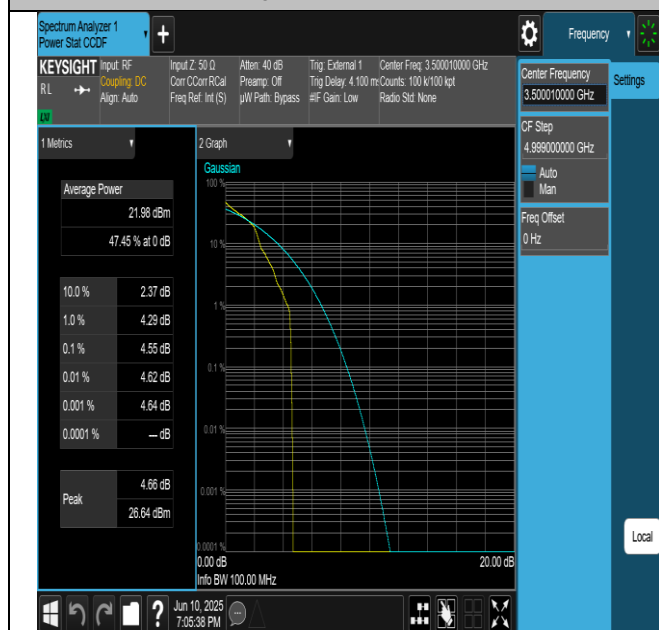
NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-Outer_Full-
PASS



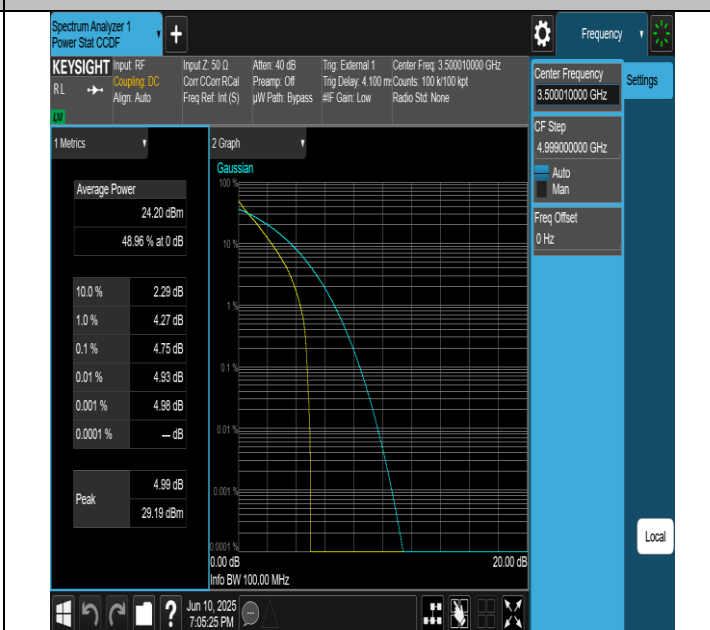
NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-Outter_Full-
PASS



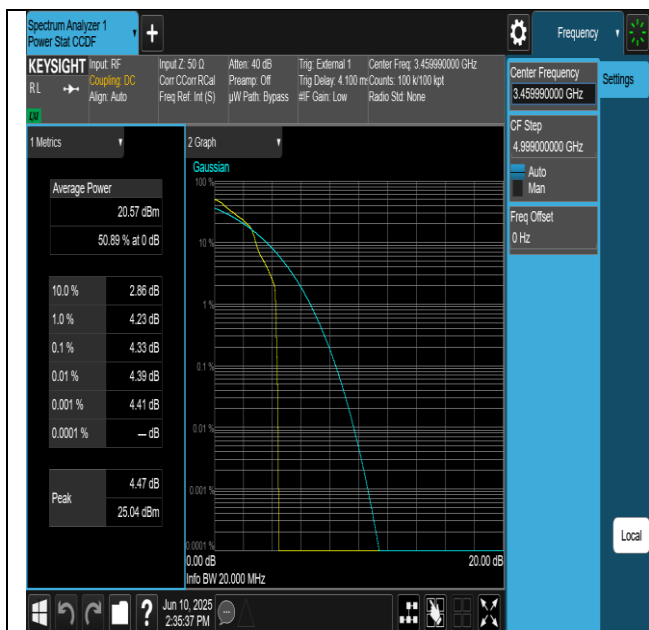
NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Outter_Full-
PASS

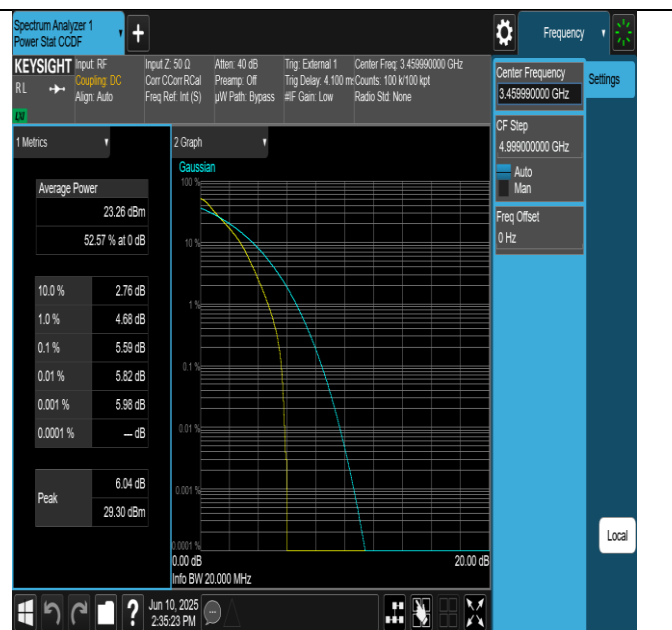


TEST GRAPHS-ANT7



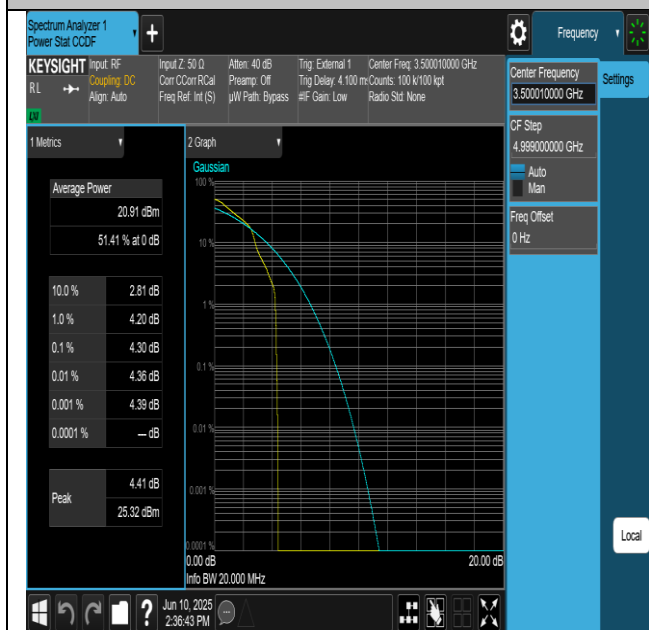
NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-

Edge_1RB_Left-PASS



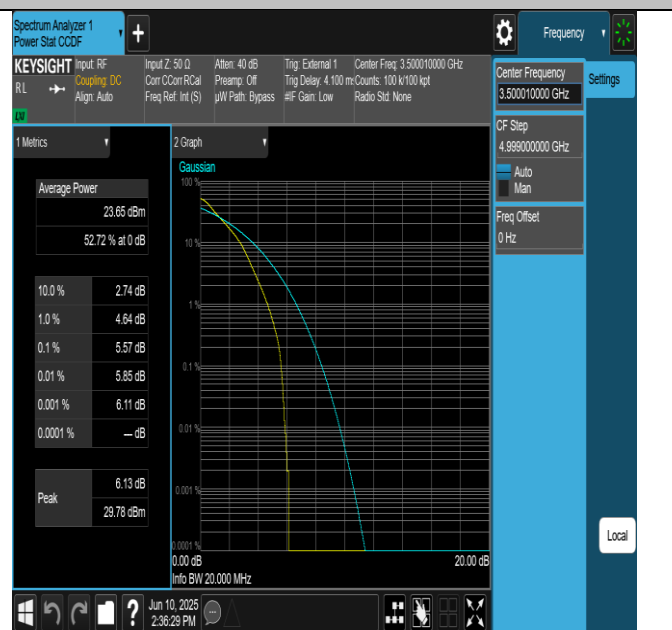
NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-Outer_Full-

PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-

Edge_1RB_Left-PASS

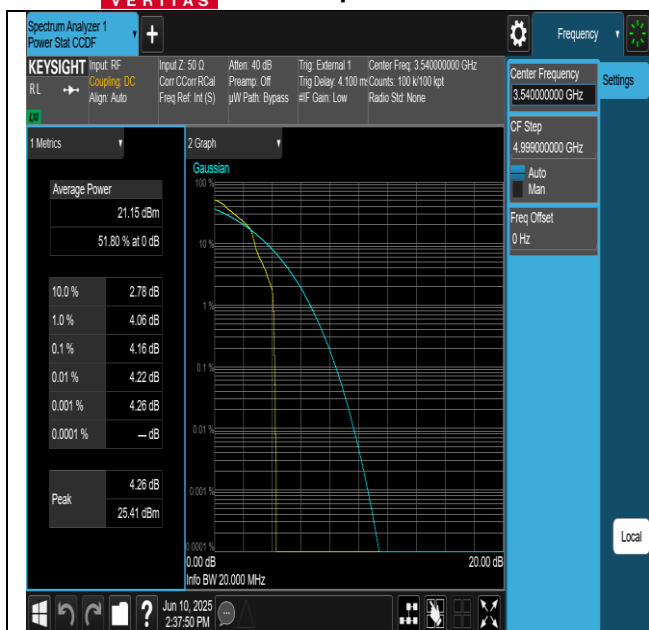


NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Outer_Full-

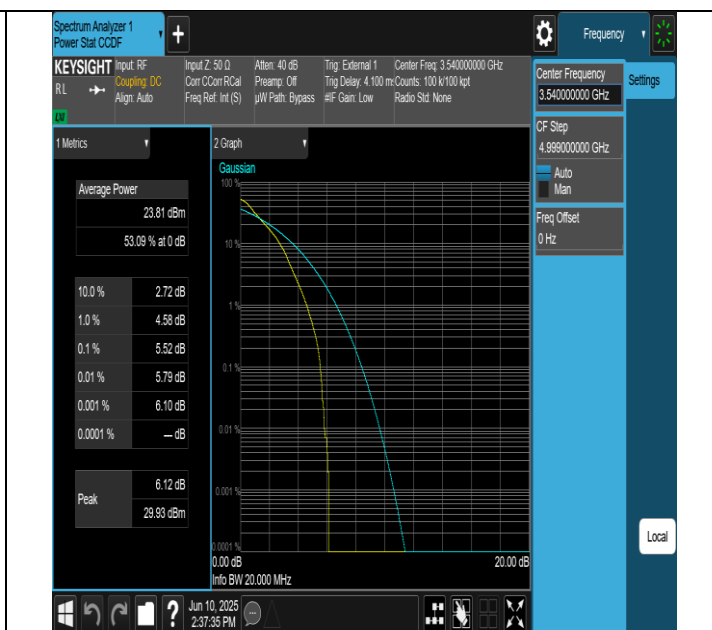
PASS



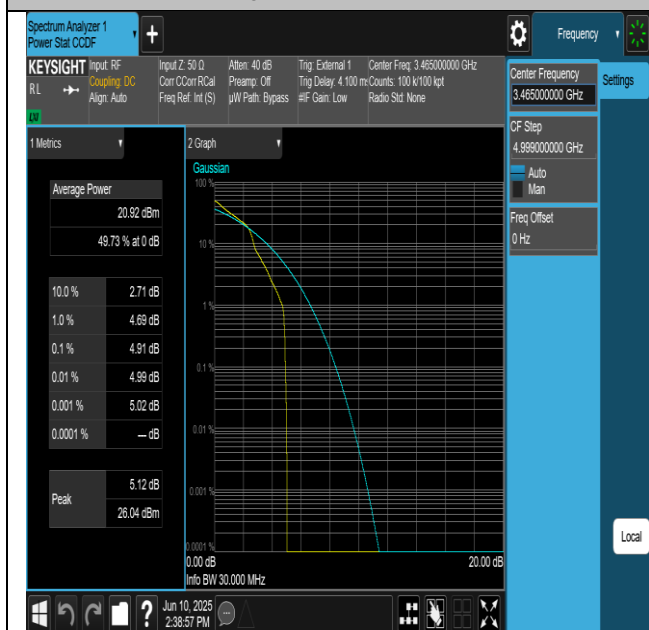
Test Report No.: PSU-QSU2411180418RF10



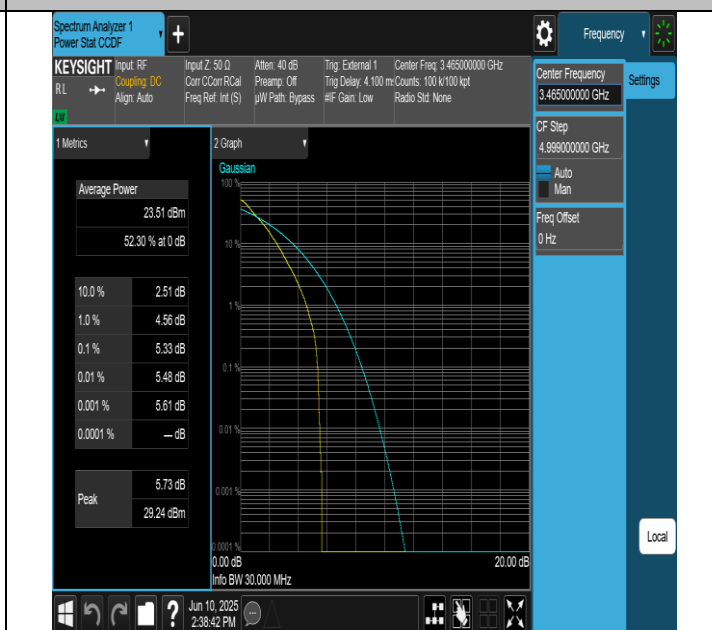
NTNV-N77-3450-3550-PC2-30-20-H-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-20-H-DFT-QPSK-Outer_Full-PASS



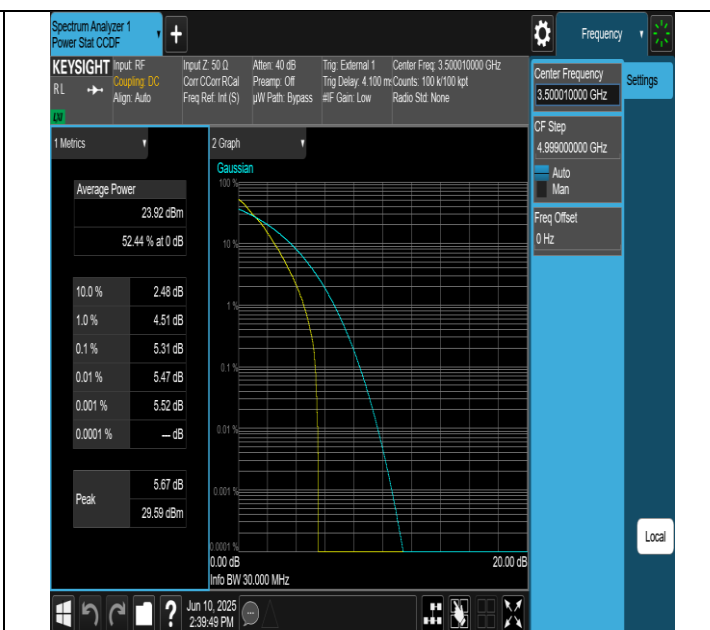
NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-
Edge 1RB Left-PASS



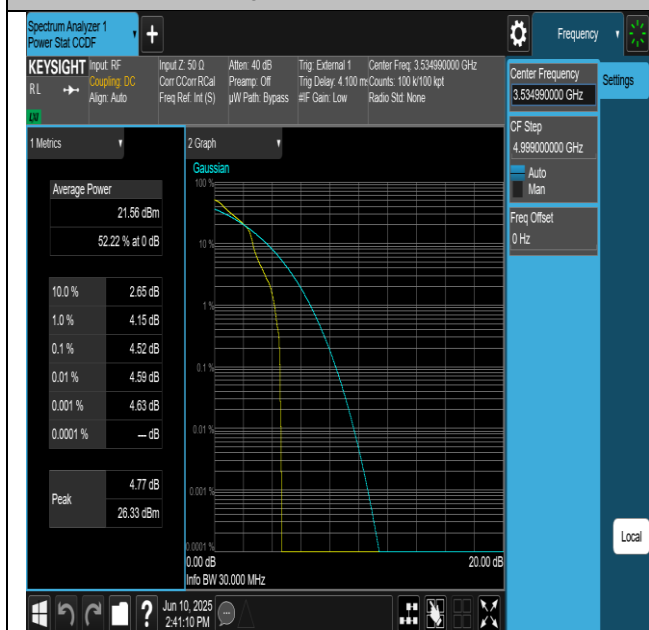
NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-Outer_Full-PASS



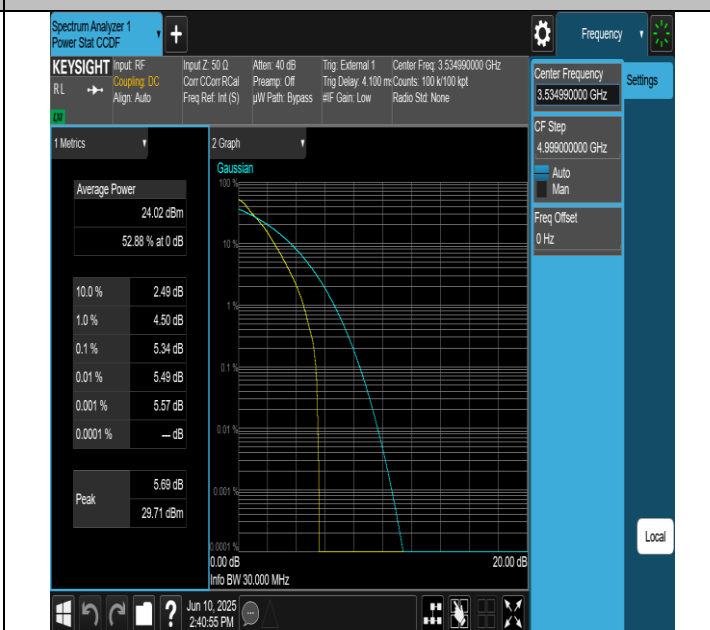
NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-Outer_Full-
PASS



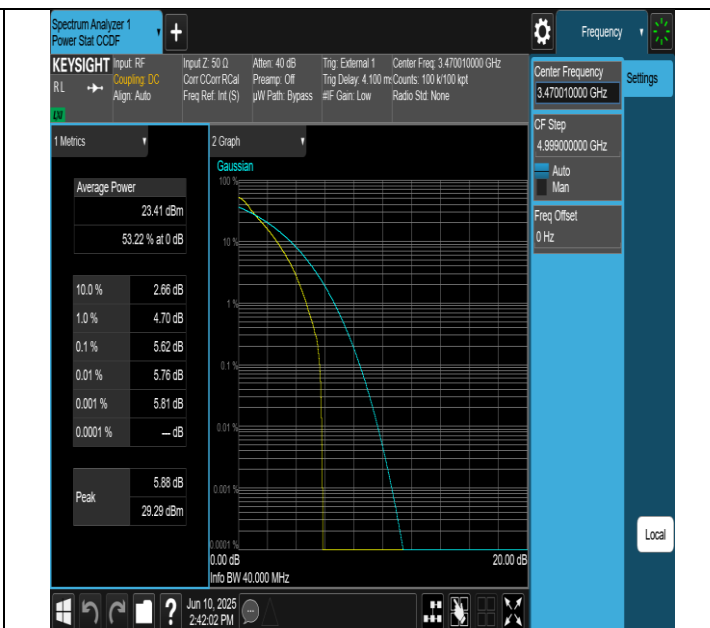
NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-
Edge_1RB_Left-PASS



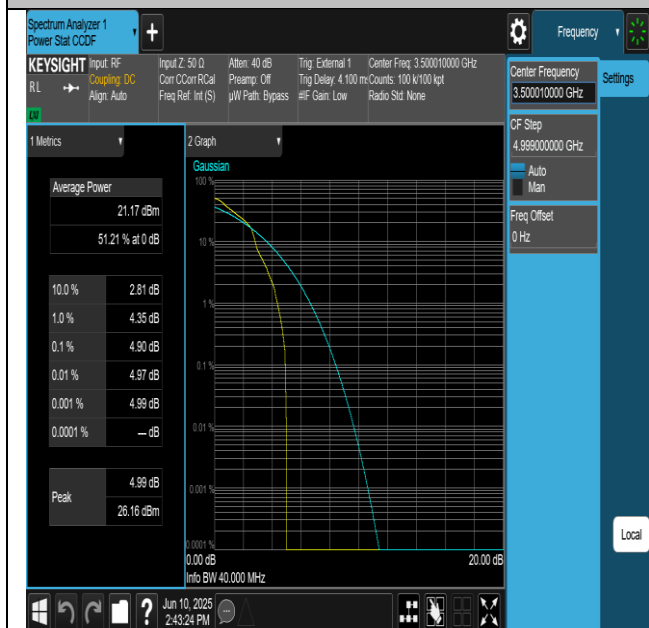
NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-Outer_Full-
PASS



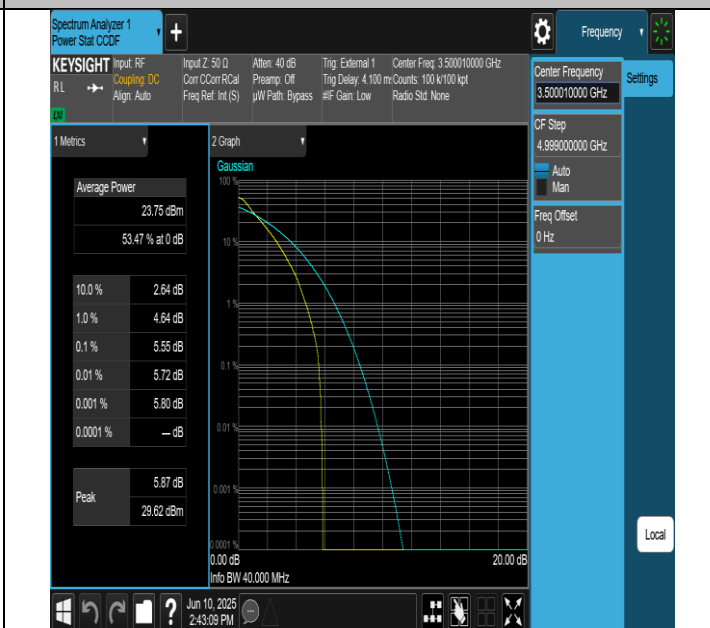
NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-
Edge_1RB_Left-PASS



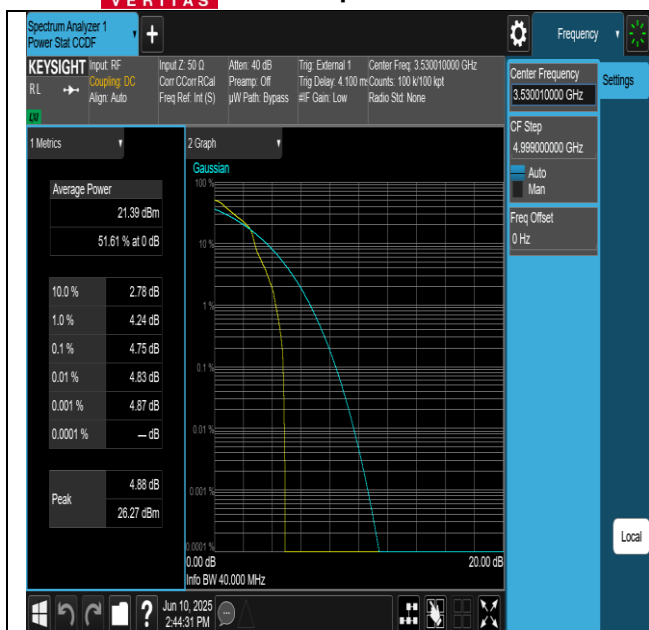
NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-Outer_Full-
PASS



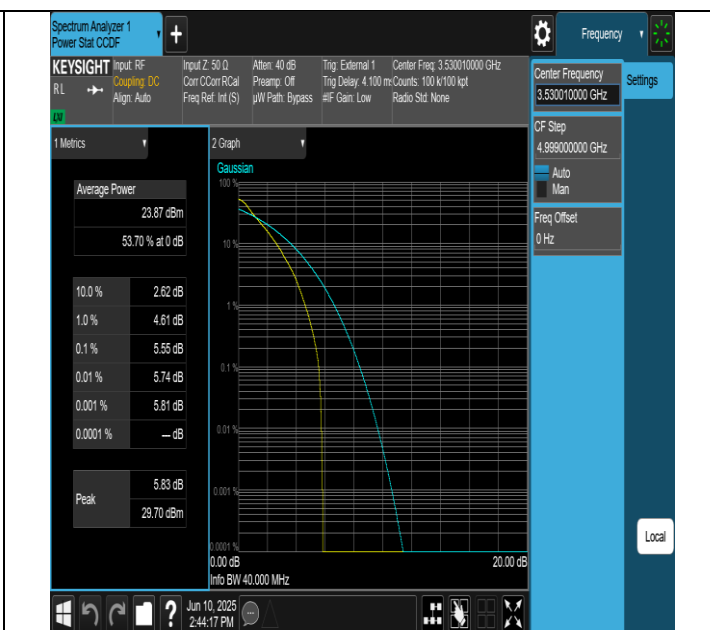
NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-
Edge_1RB_Left-PASS



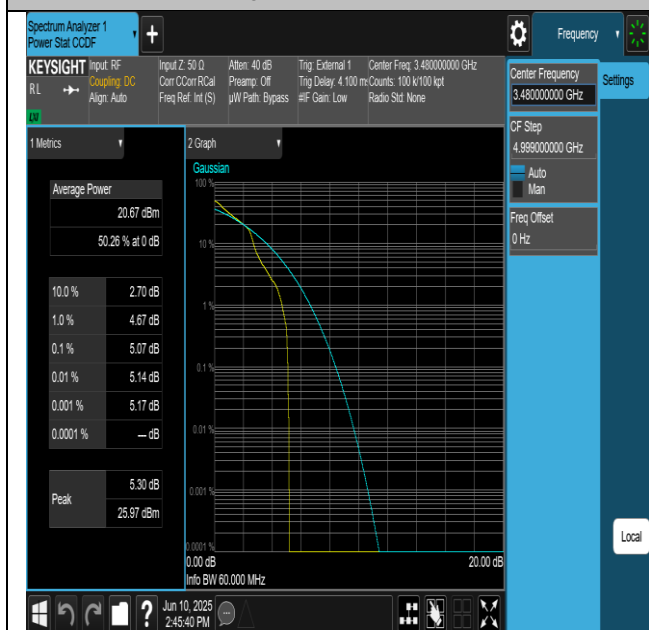
NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-Outer_Full-
PASS



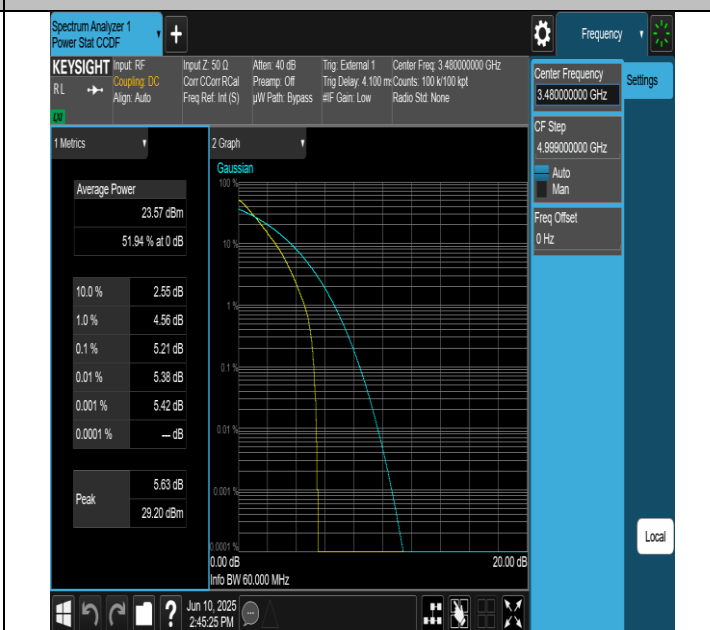
NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-Outer_Full-
PASS



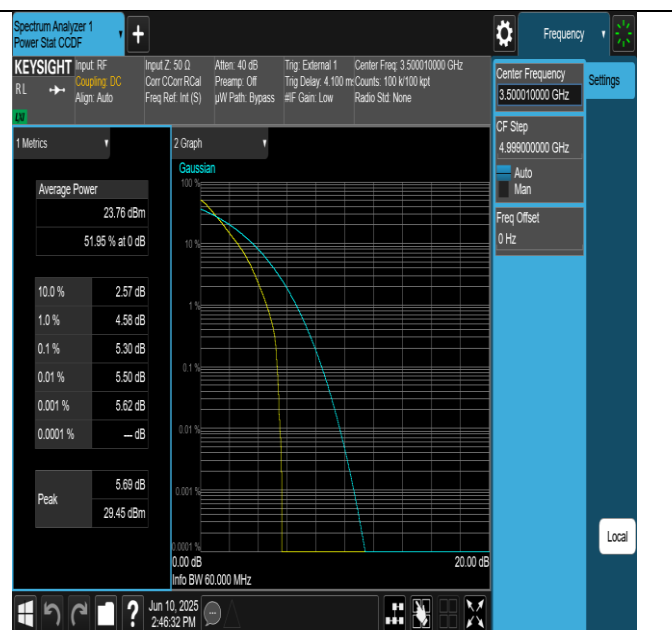
NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-
Edge_1RB_Left-PASS



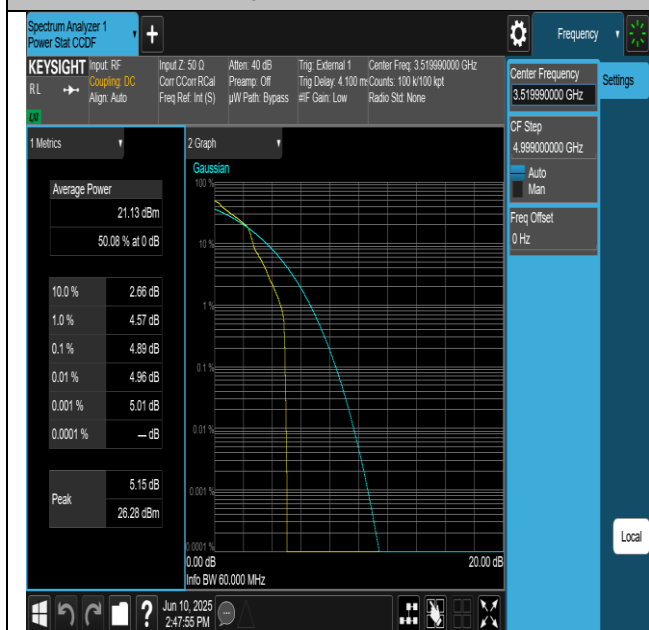
NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-Outer_Full-
PASS



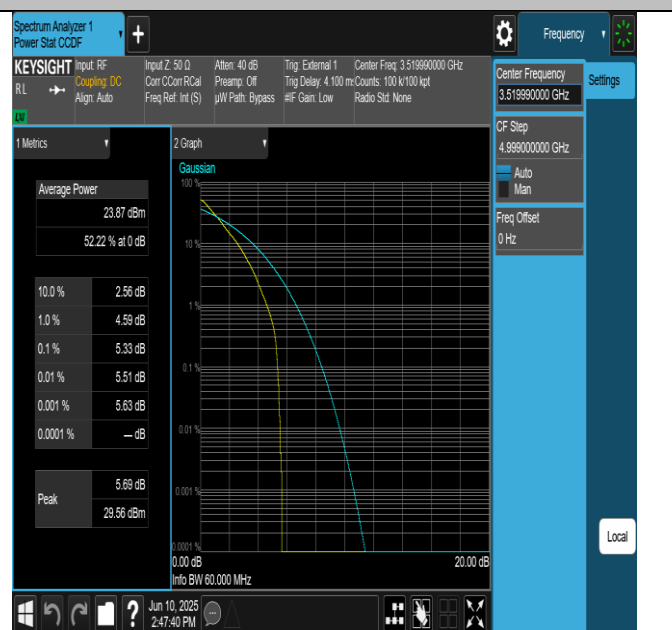
NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-
Edge_1RB_Left-PASS



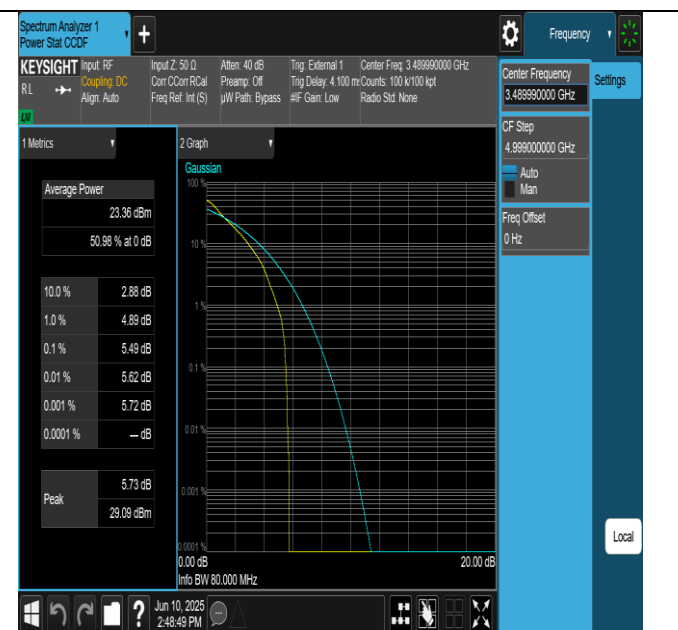
NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-Outter_Full-
PASS



NTNV-N77-3450-3550-PC2-30-60-H-DFT-QPSK-
Edge_1RB_Left-PASS

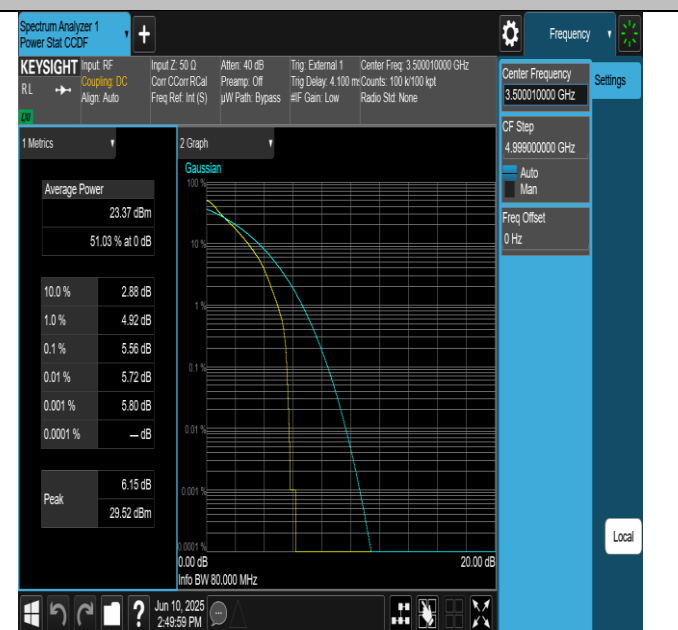
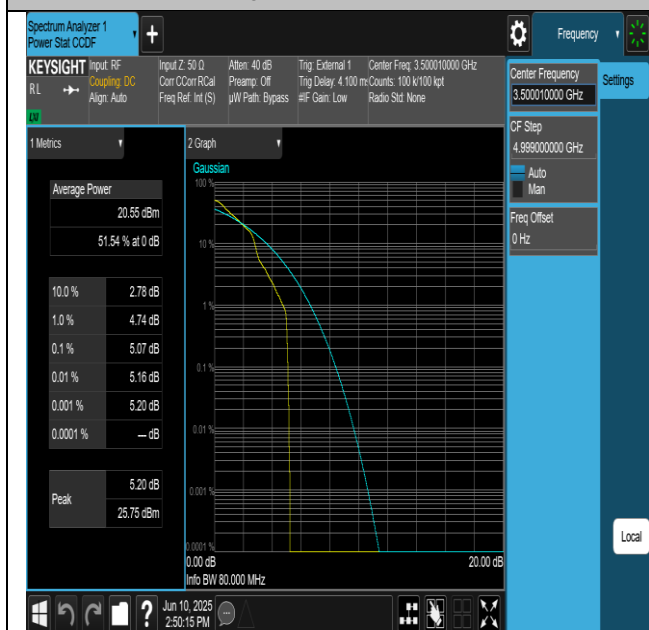


NTNV-N77-3450-3550-PC2-30-60-H-DFT-QPSK-Outter_Full-
PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-
Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-Outter_Full-
PASS

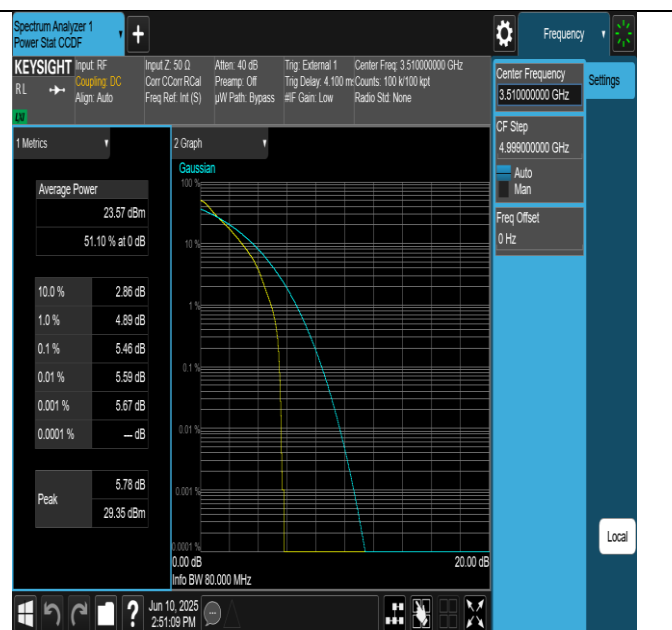


NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge_1RB_Left-PASS

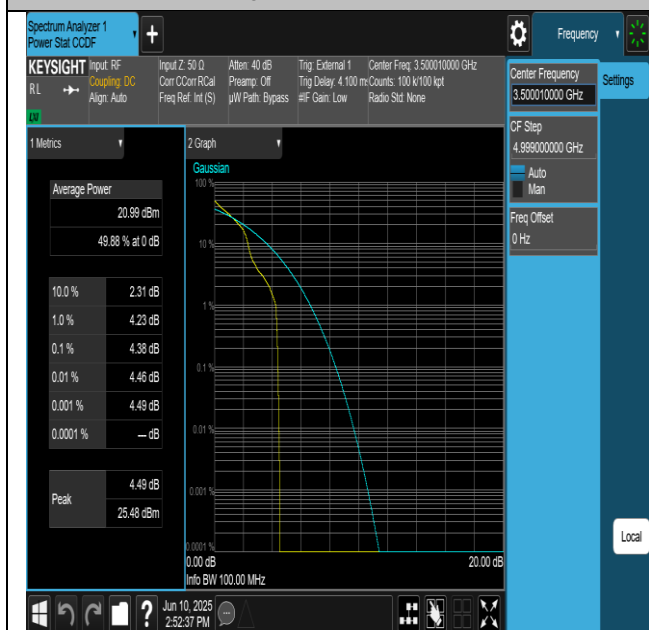
NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-Outter_Full-
PASS



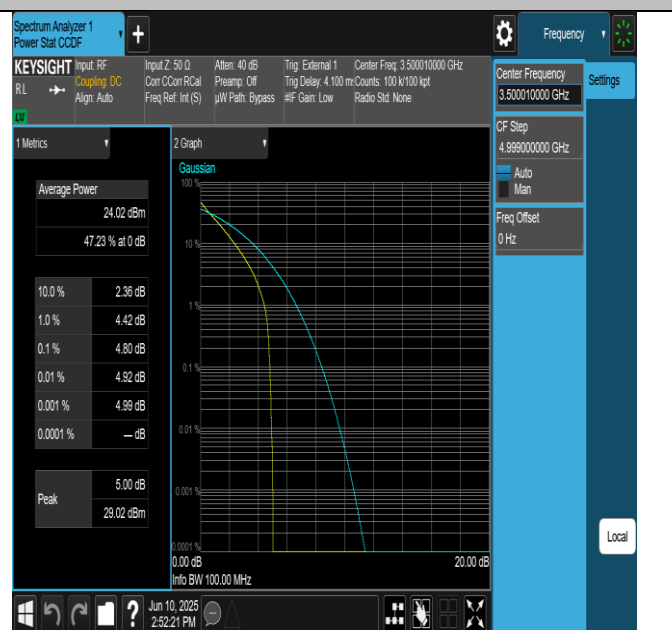
NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-Outter_Full-
PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Outter_Full-
PASS

**26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR MIMO****TEST RESULT-ANT1**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77- 3450- 3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.839	19.38	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	17.836	19.26	PASS
N77- 3450- 3550	30	20	DFT-16QAM	M	Outer_Full	17.876	18.92	PASS
N77- 3450- 3550	30	20	DFT-64QAM	M	Outer_Full	17.818	19.15	PASS
N77- 3450- 3550	30	20	DFT-256QAM	M	Outer_Full	17.815	19.50	PASS
N77- 3450- 3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.771	28.43	PASS
N77- 3450- 3550	30	30	DFT-QPSK	M	Outer_Full	26.739	29.58	PASS
N77- 3450- 3550	30	30	DFT-16QAM	M	Outer_Full	26.767	29.17	PASS
N77- 3450- 3550	30	30	DFT-64QAM	M	Outer_Full	26.773	28.51	PASS
N77- 3450- 3550	30	30	DFT-256QAM	M	Outer_Full	26.756	28.74	PASS
N77- 3450-	30	40	DFT-PI2BPSK	M	Outer_Full	35.711	37.75	PASS



3550								
N77- 3450- 3550	30	40	DFT-QPSK	M	Outer_Full	35.742	37.41	PASS
N77- 3450- 3550	30	40	DFT-16QAM	M	Outer_Full	35.824	37.54	PASS
N77- 3450- 3550	30	40	DFT-64QAM	M	Outer_Full	35.810	37.68	PASS
N77- 3450- 3550	30	40	DFT-256QAM	M	Outer_Full	35.793	37.68	PASS
N77- 3450- 3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.836	60.40	PASS
N77- 3450- 3550	30	60	DFT-QPSK	M	Outer_Full	57.951	61.53	PASS
N77- 3450- 3550	30	60	DFT-16QAM	M	Outer_Full	57.799	60.48	PASS
N77- 3450- 3550	30	60	DFT-64QAM	M	Outer_Full	57.809	60.18	PASS
N77- 3450- 3550	30	60	DFT-256QAM	M	Outer_Full	57.798	60.28	PASS
N77- 3450- 3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.119	80.00	PASS
N77- 3450- 3550	30	80	DFT-QPSK	M	Outer_Full	77.116	82.00	PASS
N77- 3450- 3550	30	80	DFT-16QAM	M	Outer_Full	76.937	79.89	PASS



N77- 3450- 3550	30	80	DFT-64QAM	M	Outer_Full	77.217	79.93	PASS
N77- 3450- 3550	30	80	DFT-256QAM	M	Outer_Full	77.028	79.85	PASS
N77- 3450- 3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.160	99.49	PASS
N77- 3450- 3550	30	100	DFT-QPSK	M	Outer_Full	96.407	102.0	PASS
N77- 3450- 3550	30	100	DFT-16QAM	M	Outer_Full	96.446	99.91	PASS
N77- 3450- 3550	30	100	DFT-64QAM	M	Outer_Full	96.295	99.87	PASS
N77- 3450- 3550	30	100	DFT-256QAM	M	Outer_Full	96.225	99.66	PASS

TEST RESULT-ANT7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77- 3450- 3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.825	18.87	PASS
N77- 3450- 3550	30	20	DFT-QPSK	M	Outer_Full	17.859	21.17	PASS
N77- 3450- 3550	30	20	DFT-16QAM	M	Outer_Full	17.871	19.23	PASS
N77- 3450- 3550	30	20	DFT-64QAM	M	Outer_Full	17.818	19.14	PASS



N77- 3450- 3550	30	20	DFT-256QAM	M	Outer_Full	17.811	19.50	PASS
N77- 3450- 3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.843	28.51	PASS
N77- 3450- 3550	30	30	DFT-QPSK	M	Outer_Full	26.736	29.23	PASS
N77- 3450- 3550	30	30	DFT-16QAM	M	Outer_Full	26.761	29.88	PASS
N77- 3450- 3550	30	30	DFT-64QAM	M	Outer_Full	26.773	28.52	PASS
N77- 3450- 3550	30	30	DFT-256QAM	M	Outer_Full	26.758	29.06	PASS
N77- 3450- 3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.738	37.56	PASS
N77- 3450- 3550	30	40	DFT-QPSK	M	Outer_Full	35.742	37.52	PASS
N77- 3450- 3550	30	40	DFT-16QAM	M	Outer_Full	35.819	37.54	PASS
N77- 3450- 3550	30	40	DFT-64QAM	M	Outer_Full	35.808	37.73	PASS
N77- 3450- 3550	30	40	DFT-256QAM	M	Outer_Full	35.783	37.68	PASS
N77- 3450- 3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.862	60.08	PASS
N77- 3450- 3550	30	60	DFT-QPSK	M	Outer_Full	57.915	61.17	PASS



3450- 3550								
N77- 3450- 3550	30	60	DFT-16QAM	M	Outer_Full	57.772	60.47	PASS
N77- 3450- 3550	30	60	DFT-64QAM	M	Outer_Full	57.785	60.14	PASS
N77- 3450- 3550	30	60	DFT-256QAM	M	Outer_Full	57.805	60.24	PASS
N77- 3450- 3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.115	80.01	PASS
N77- 3450- 3550	30	80	DFT-QPSK	M	Outer_Full	77.077	81.09	PASS
N77- 3450- 3550	30	80	DFT-16QAM	M	Outer_Full	76.904	79.87	PASS
N77- 3450- 3550	30	80	DFT-64QAM	M	Outer_Full	77.167	79.94	PASS
N77- 3450- 3550	30	80	DFT-256QAM	M	Outer_Full	76.991	79.82	PASS
N77- 3450- 3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.065	99.61	PASS
N77- 3450- 3550	30	100	DFT-QPSK	M	Outer_Full	96.257	99.87	PASS
N77- 3450- 3550	30	100	DFT-16QAM	M	Outer_Full	96.371	99.89	PASS
N77- 3450- 3550	30	100	DFT-64QAM	M	Outer_Full	96.238	99.83	PASS



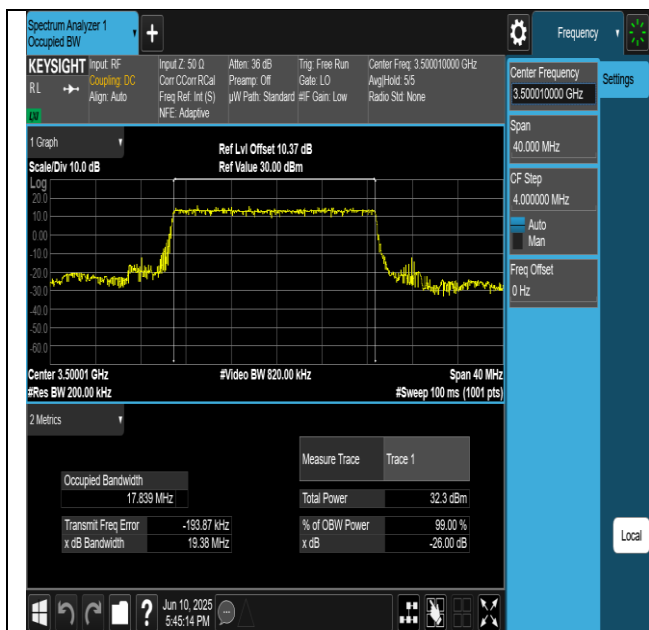
Test Report No.: PSU-QSU2411180418RF10

3550								
N77- 3450- 3550	30	100	DFT-256QAM	M	Outer_Full	96.148	99.64	PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2411180418RF10
TEST GRAPHS-ANT1



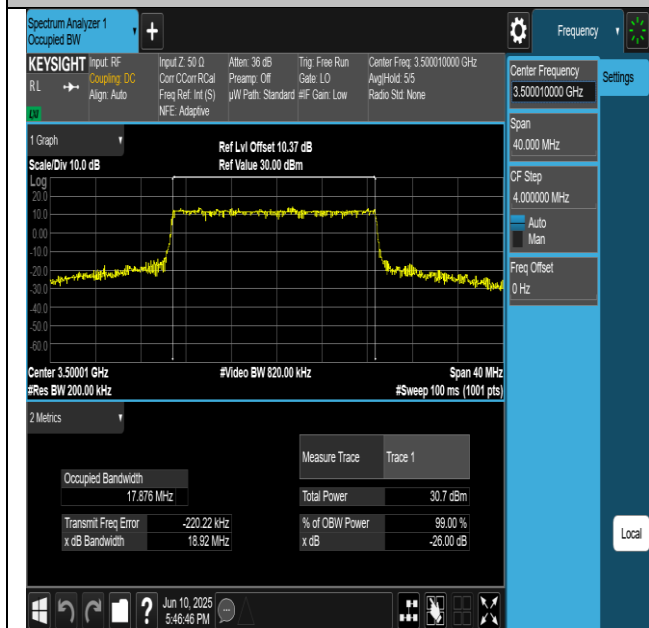
NTNV-N77-3450-3550-PC2-30-20-M-DFT-PI2BPSK-

Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Outer_Full-

Ant1-PASS



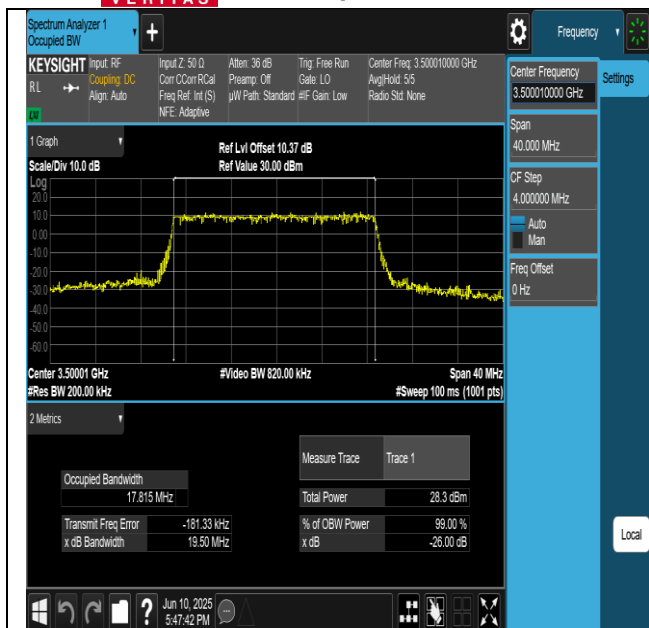
NTNV-N77-3450-3550-PC2-30-20-M-DFT-16QAM-

Outer_Full-Ant1-PASS

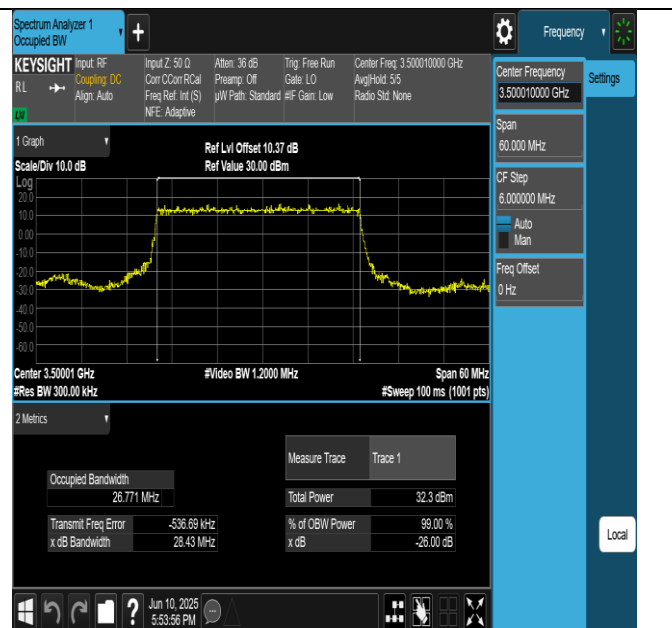


NTNV-N77-3450-3550-PC2-30-20-M-DFT-64QAM-Outer_Full-

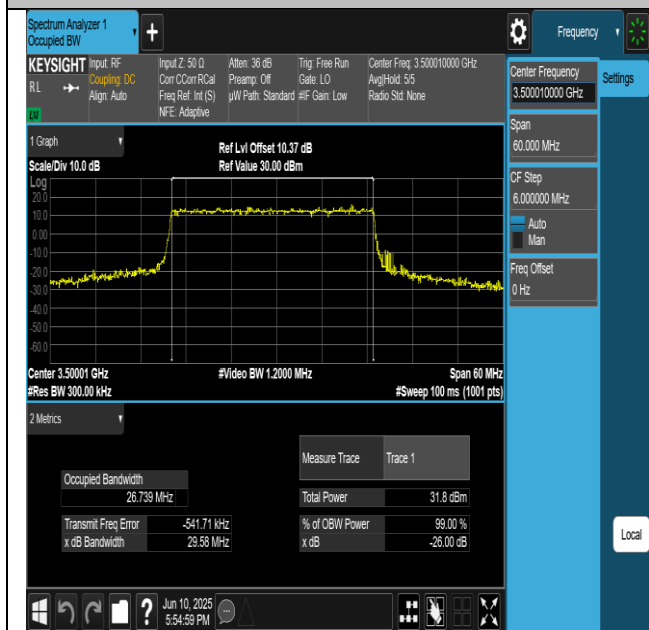
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-256QAM-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-PI2BPSK-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-16QAM-Outer_Full-
Ant1-PASS