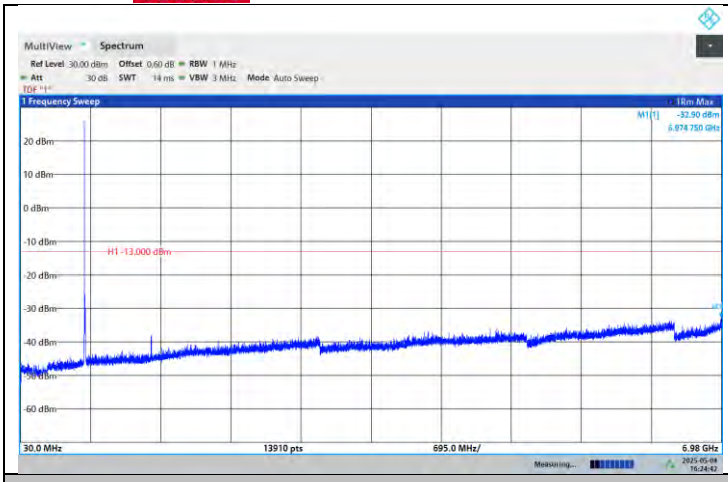
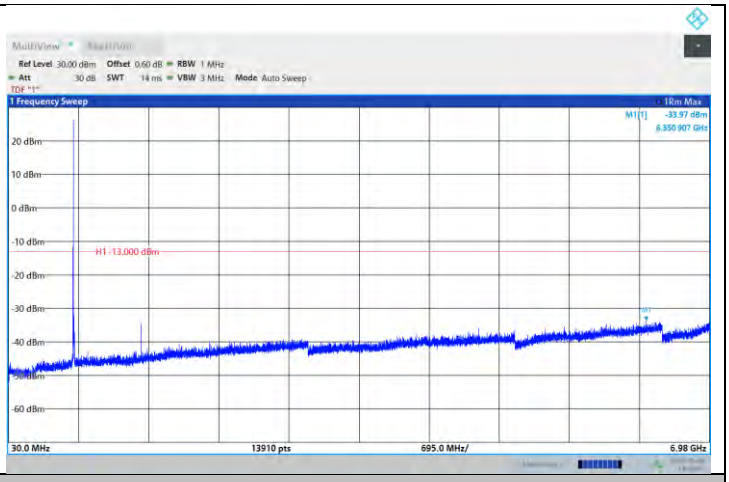
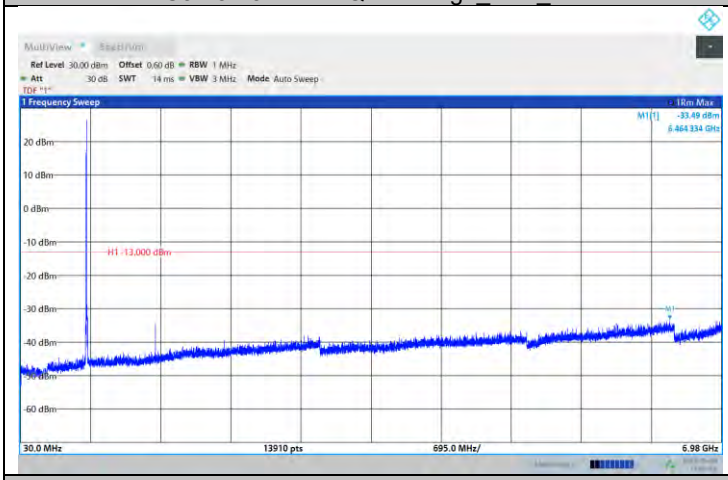


NTNV-N71-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N71-PC3-15-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



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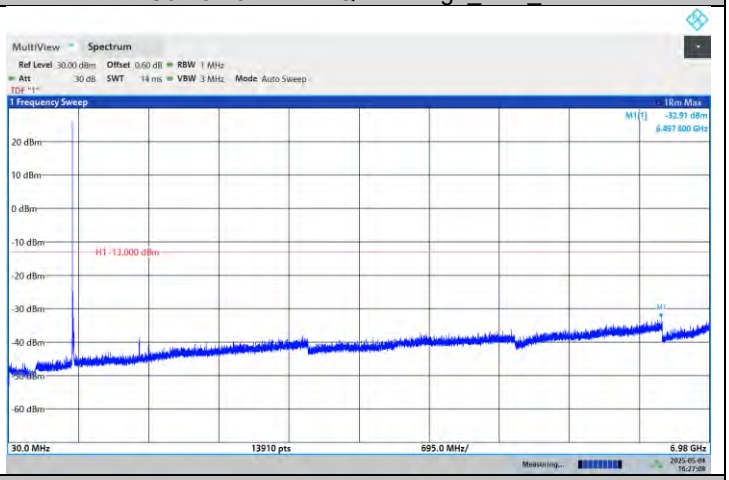
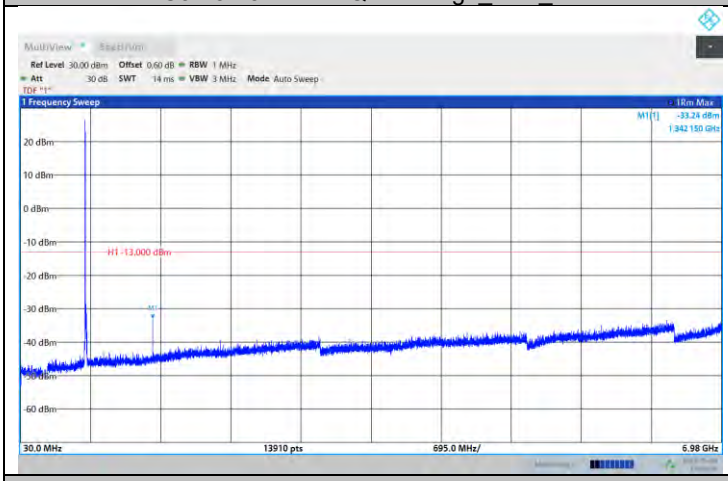
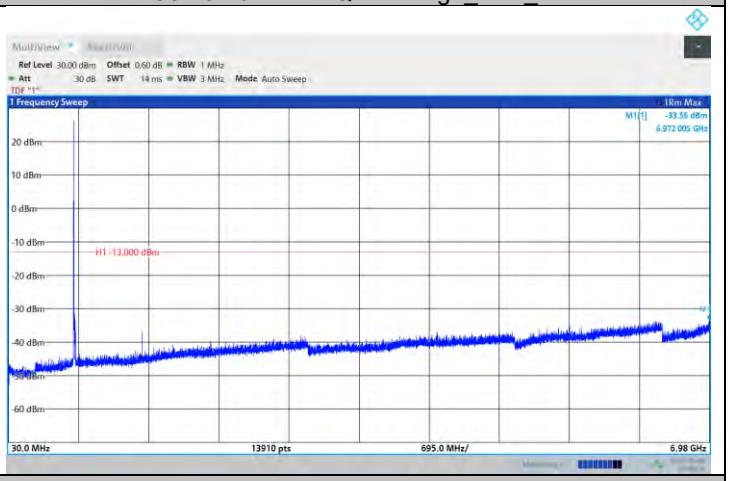


NTNV-N71-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N71-PC3-15-20-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N71-PC3-15-20-H-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
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-4.57	-0.0068	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-34.54	-0.0513	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	31.17	0.0463	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-21.88	-0.0320	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	25.20	0.0369	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-13.59	-0.0199	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	10.32	0.0150	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	31.91	0.0464	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	6.33	0.0092	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	26.92	0.0400	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-7.63	-0.0113	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-2.56	-0.0038	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	-20.21	-0.0300	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	31.35	0.0466	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	12.45	0.0185	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	-24.79	-0.0368	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	9.93	0.0148	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	22.34	0.0332	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	30.65	0.0449	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	14.18	0.0208	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	22.63	0.0331	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	1.08	0.0016	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-15.97	-0.0234	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	19.14	0.0280	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-22.33	-0.0327	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-2.24	-0.0033	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	4.15	0.0061	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	28.60	0.0416	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	24.31	0.0353	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	24.15	0.0351	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	-11.60	-0.0169	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	-23.55	-0.0342	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	-21.15	-0.0307	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	16.99	0.0247	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	-3.69	-0.0054	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	-21.80	-0.0317	PASS

N77(PART27Q) (INCLUDING N78(PART 27Q))

PEAK-TO-AVERAGE RATIO FOR SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	5.93	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	5.86	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	5.62	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	5.62	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	5.60	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	5.59	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	5.65	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	5.65	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Left	5.40	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	5.40	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	5.44	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	5.44	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	5.42	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.42	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	5.35	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.36	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	5.44	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.46	≤13	PASS

Test Graphs

NTNV-N77-3450-3550-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-10-L-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-10-M-DFT-QPSK-Outer_Full-PASS

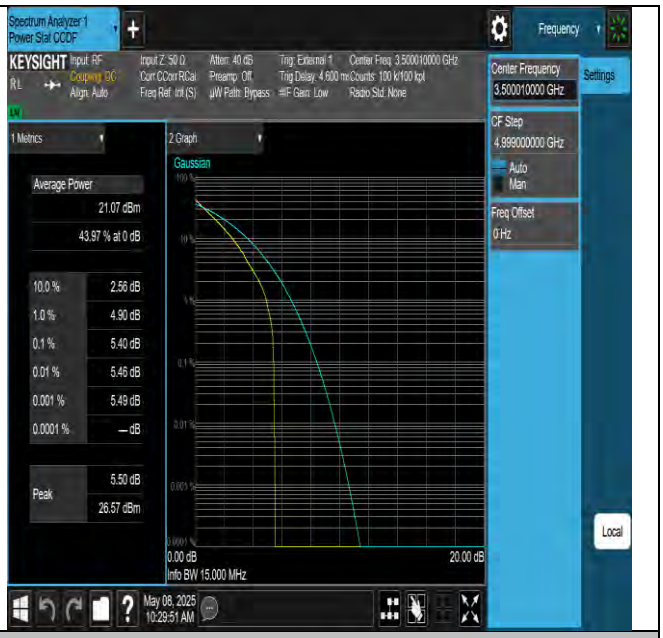
NTNV-N77-3450-3550-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-10-H-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-15-L-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N77-3450-3550-PC3-30-15-M-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-15-H-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-20-L-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3450-3550-PC3-30-20-M-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-PASS

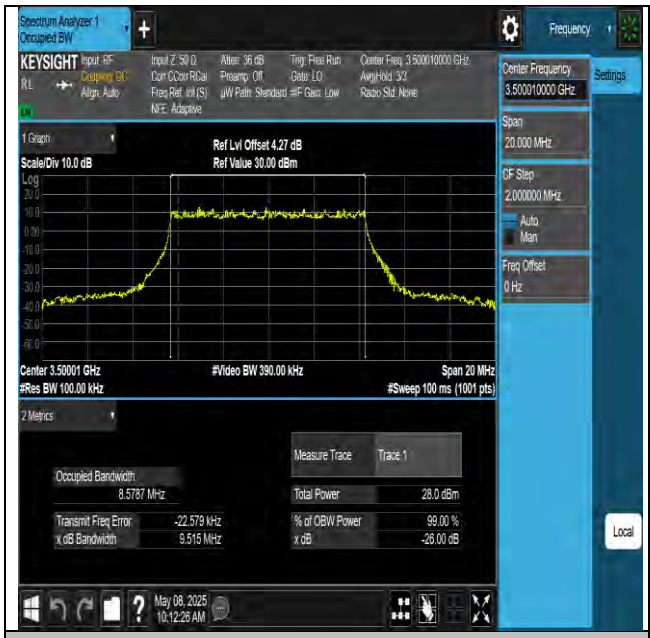
NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Outer_Full-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

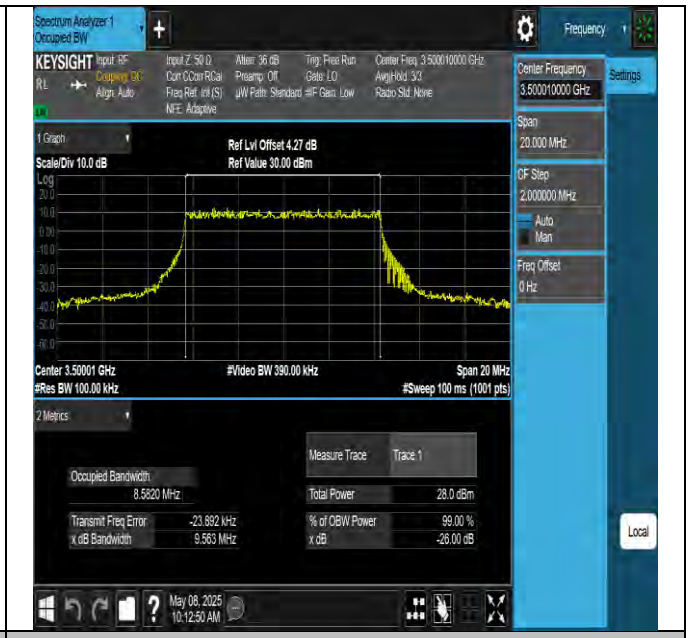
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5787	9.515	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.5820	9.563	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.5666	9.384	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.5509	9.304	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.5666	9.256	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.902	14.12	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.871	14.13	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.890	14.18	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.888	14.21	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.887	13.89	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.823	19.18	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.824	19.14	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.810	19.12	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.814	19.13	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.818	19.08	PASS

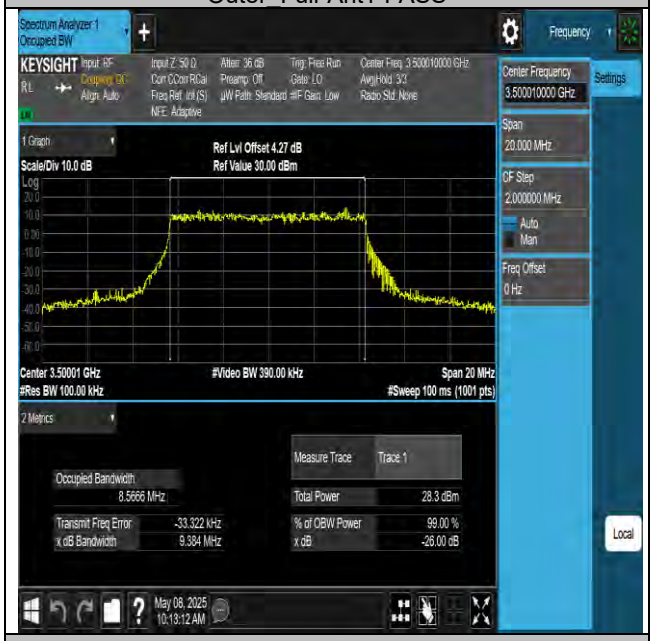
Test Graphs



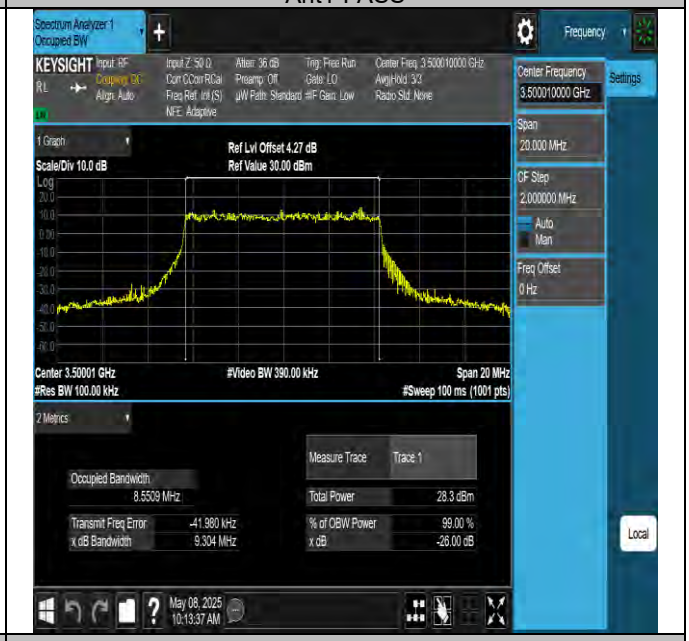
NTNV-N77-3450-3550-PC3-30-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



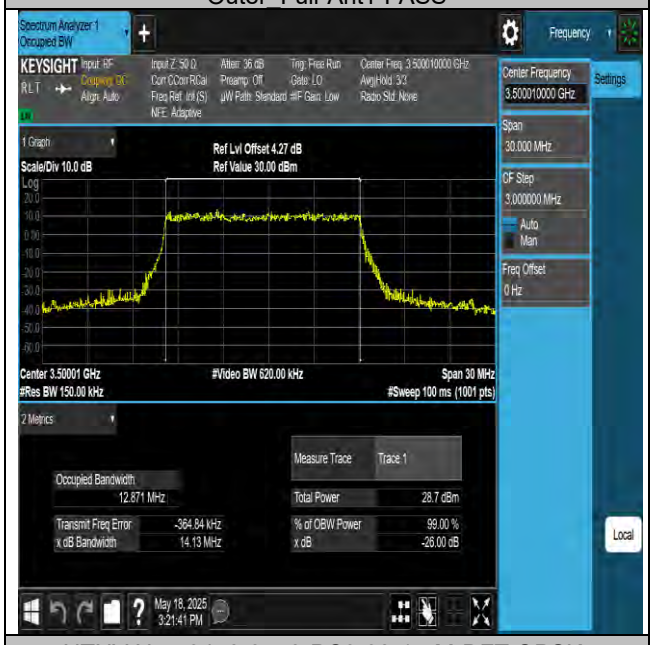
NTNV-N77-3450-3550-PC3-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-10-M-DFT-64QAM-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-10-M-DFT-256QAM-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-15-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



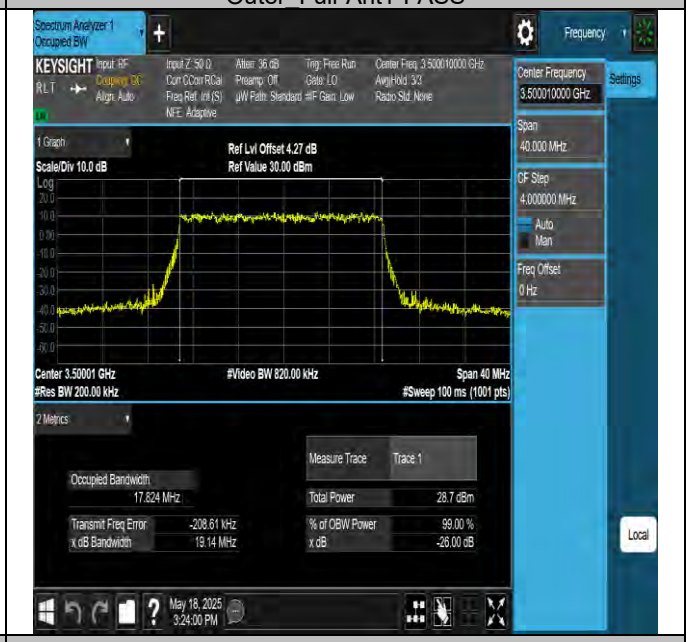
NTNV-N77-3450-3550-PC3-30-15-M-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-15-M-DFT-16QAM-Outer_Full-Ant1-PASS

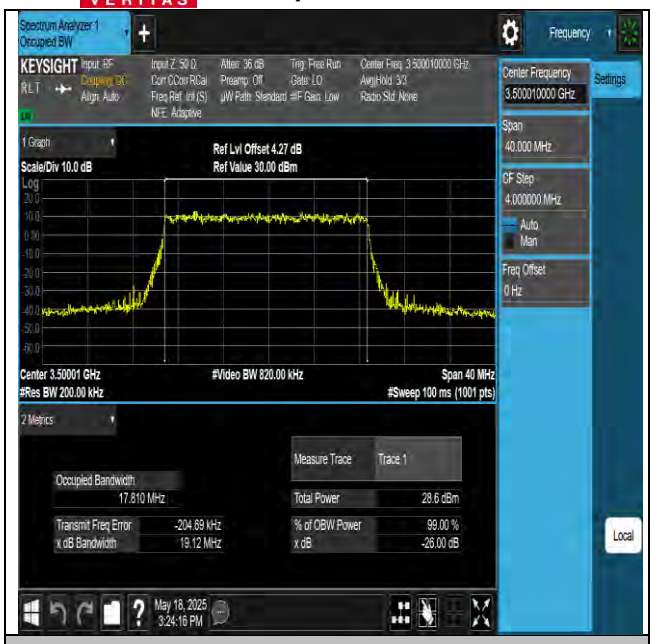
NTNV-N77-3450-3550-PC3-30-15-M-DFT-64QAM-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-15-M-DFT-256QAM-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-20-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS

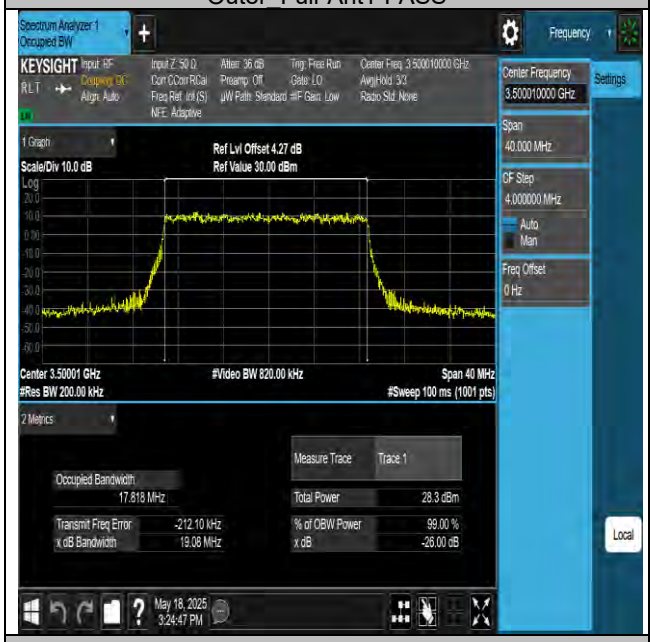


NTNV-N77-3450-3550-PC3-30-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-20-M-DFT-16QAM-Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC3-30-20-M-DFT-64QAM-Outer_Full-Ant1-PASS



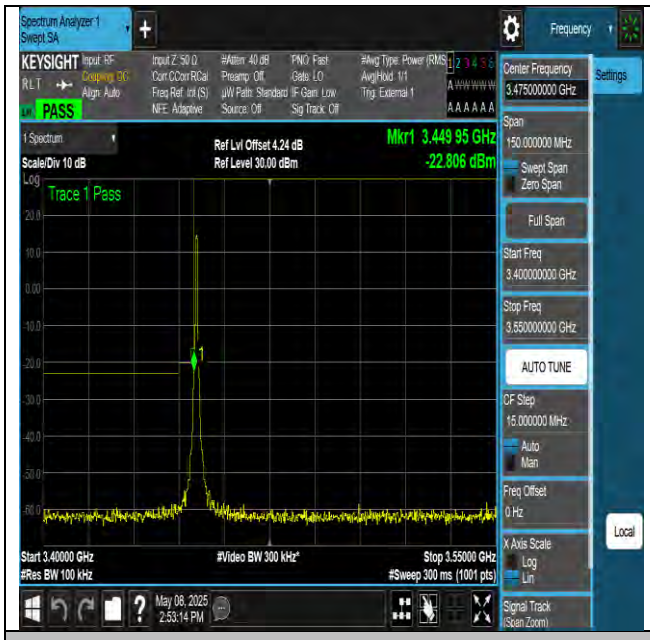
NTNV-N77-3450-3550-PC3-30-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

BAND EDGE FOR SA

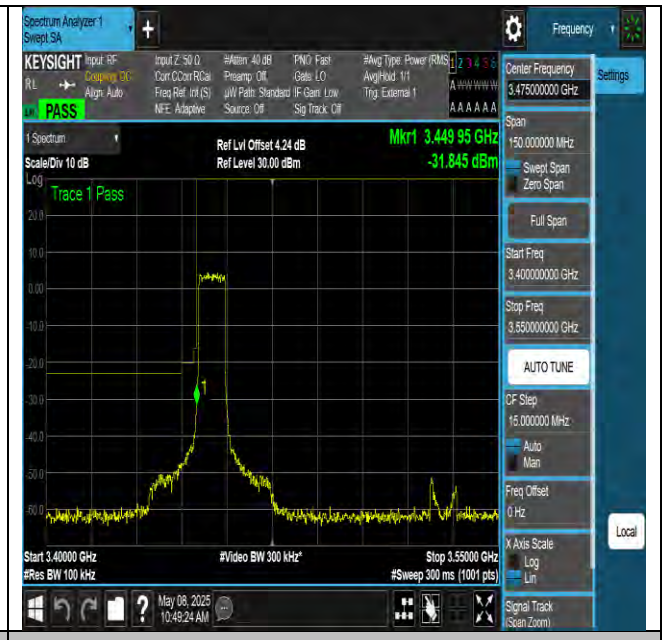
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	-22.81	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	-31.84	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Right	-23.54	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	-34.31	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	-18.49	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	-30.83	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Right	-22.75	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	-50.61	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	-22.84	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	-34.87	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Right	-29.50	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	-48.72	PASS

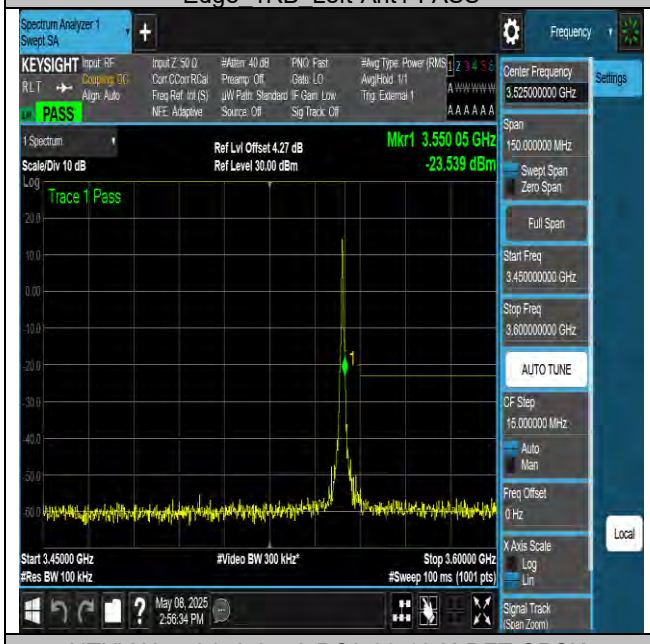
Test Graphs



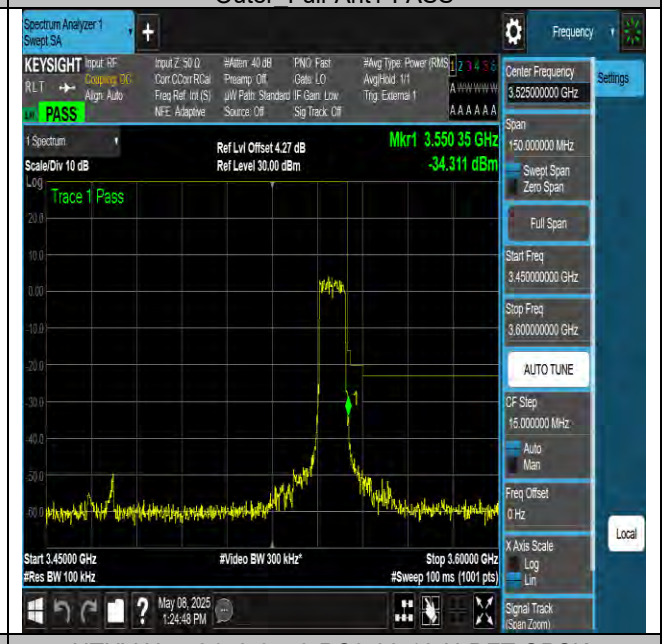
NTNV-N77-3450-3550-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



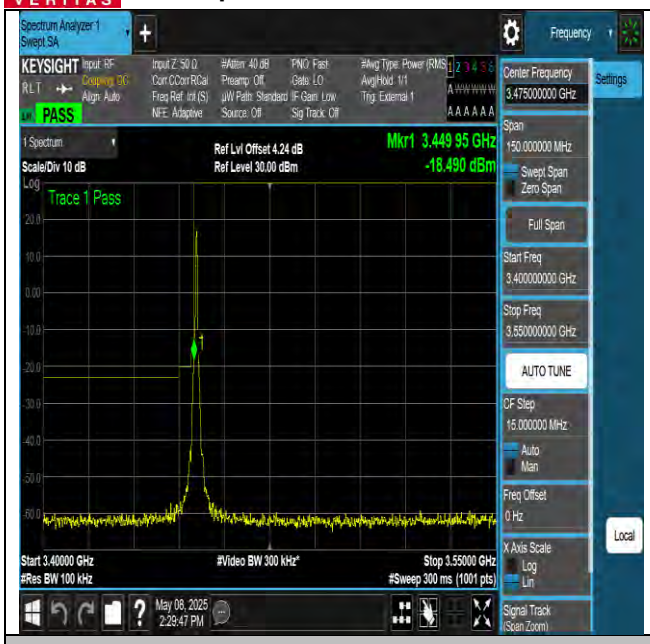
NTNV-N77-3450-3550-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



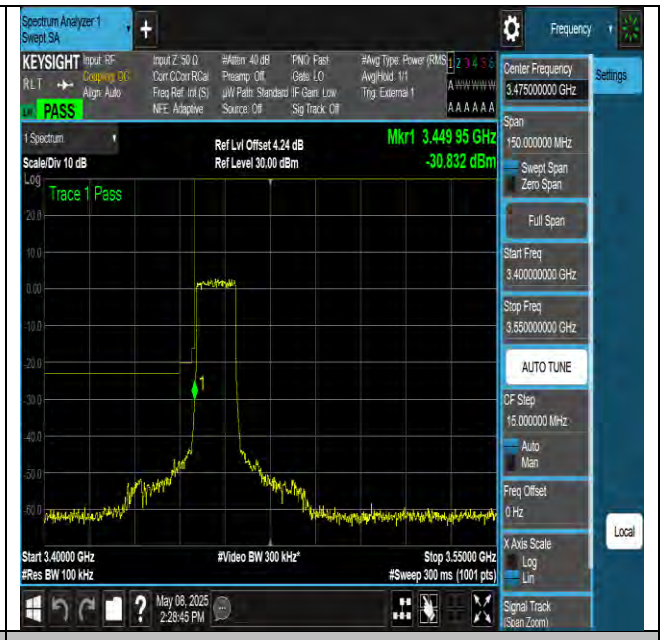
NTNV-N77-3450-3550-PC3-30-10-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



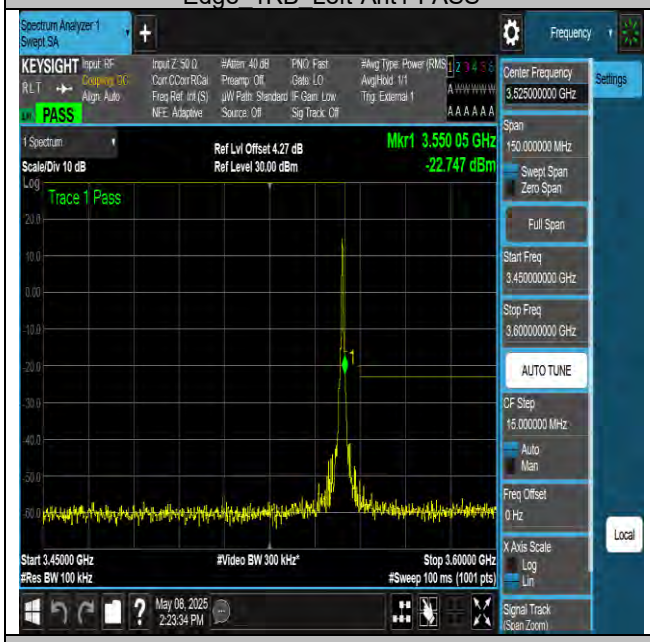
NTNV-N77-3450-3550-PC3-30-10-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-15-L-DFT-QPSK-Outer_Full-Ant1-PASS



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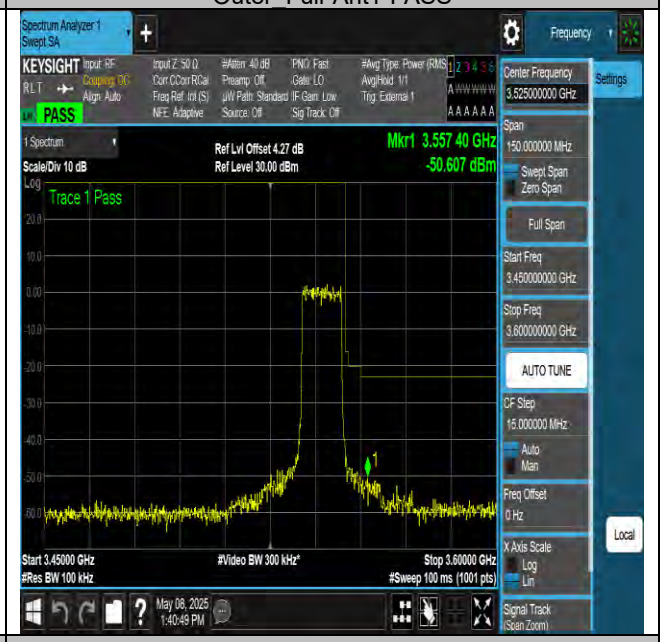

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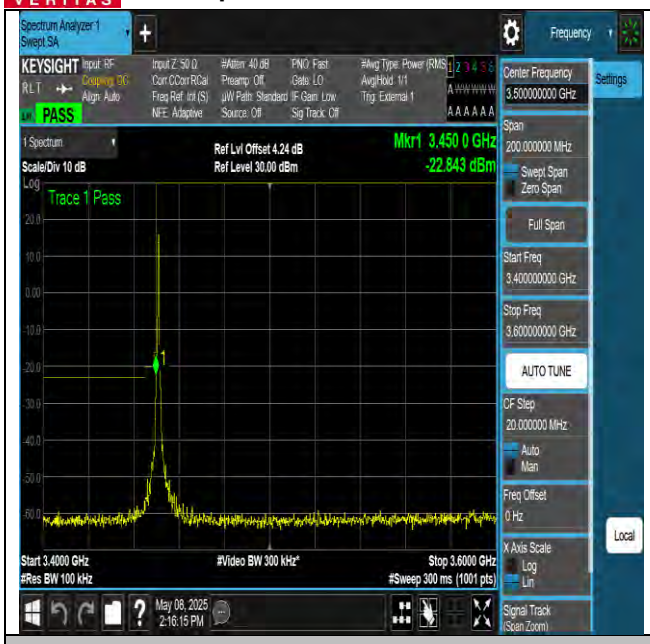

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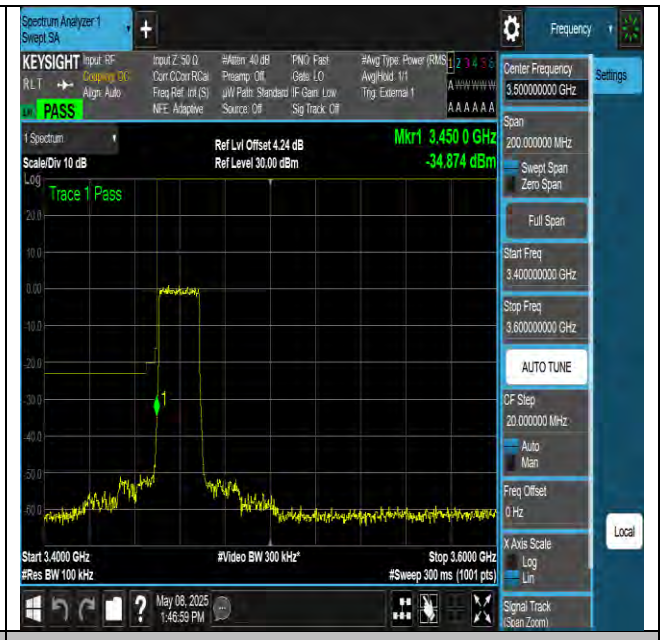

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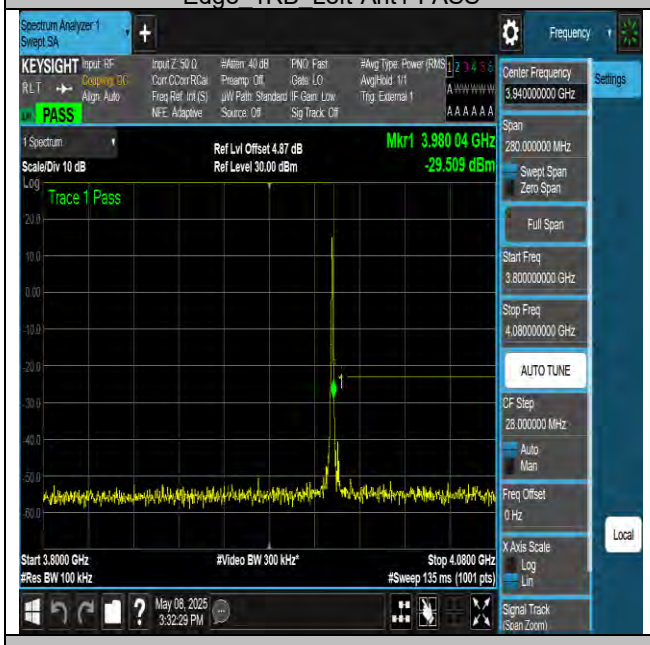

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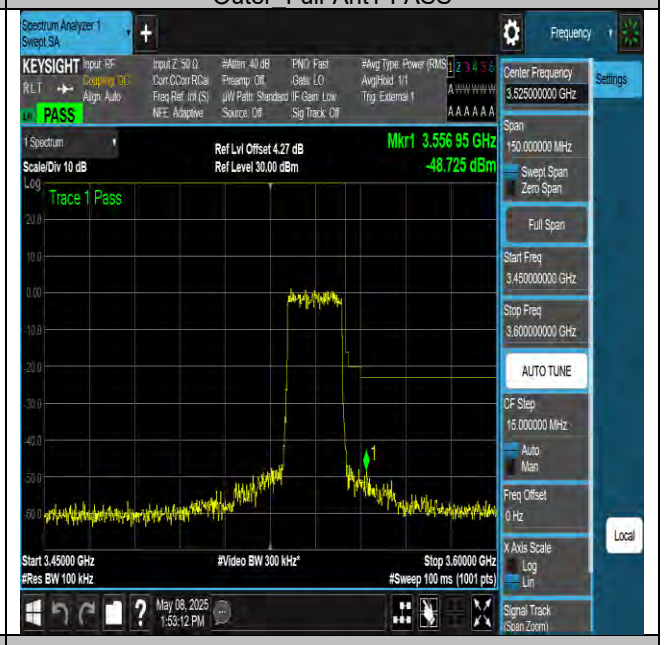


NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Outer_Full-Ant1-PASS

CONDUCTED SPURIOUS EMISSION FOR SA

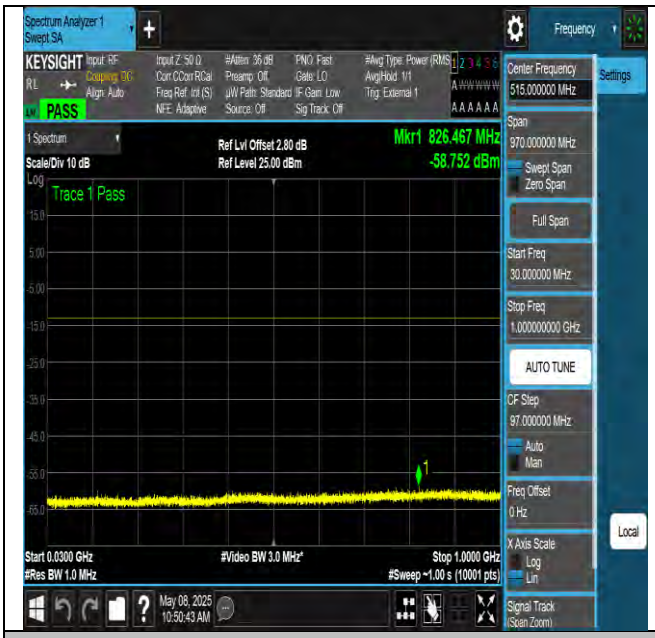
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.75	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-40.32	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-58.24	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-43.33	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.70	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-44.11	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-58.21	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-43.47	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.54	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-40.76	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-58.92	-13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-41.98	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.20	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-32.89	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-58.98	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-43.31	-13	PASS
N77-3450-	30	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.61	-13	PASS

3550										
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-44.19	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-57.97	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-43.24	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.74	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-43.45	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-59.07	-13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-43.29	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.87	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-44.46	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-59.05	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-42.33	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.93	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-44.41	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-58.26	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-43.09	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.84	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-44.40	-13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-59.46	-13	PASS
N77-	30	20	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-43.51	-13	PASS

3450-3550										

Test Graphs



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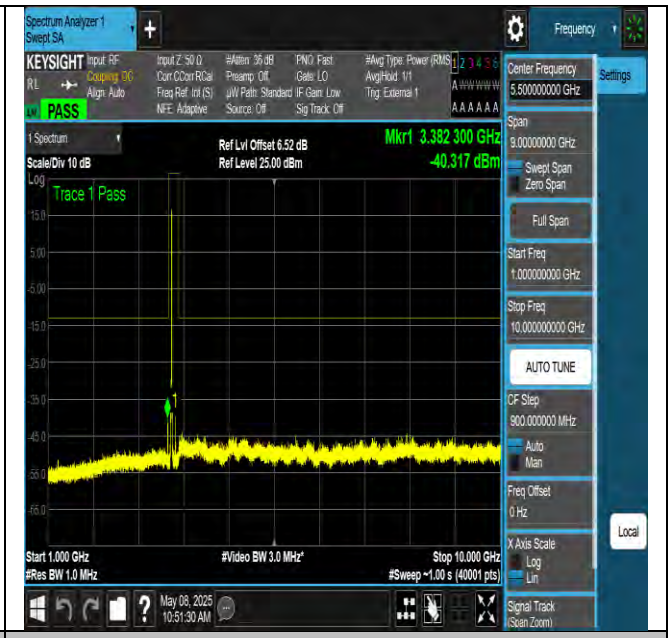

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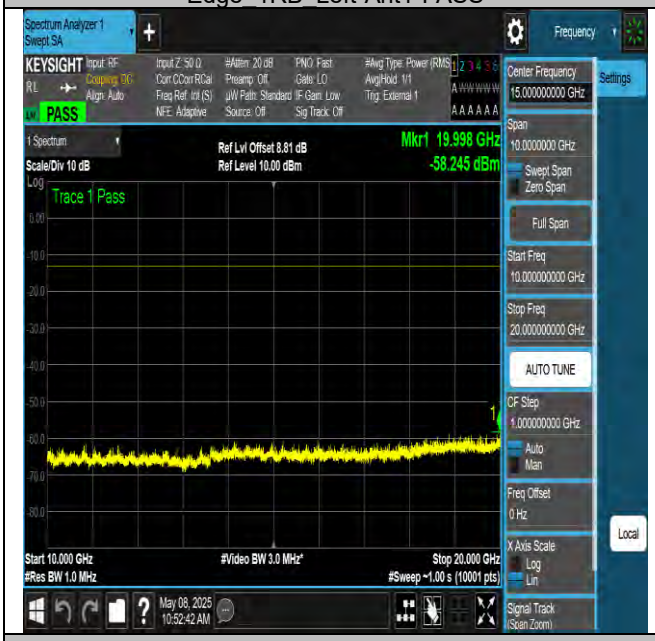

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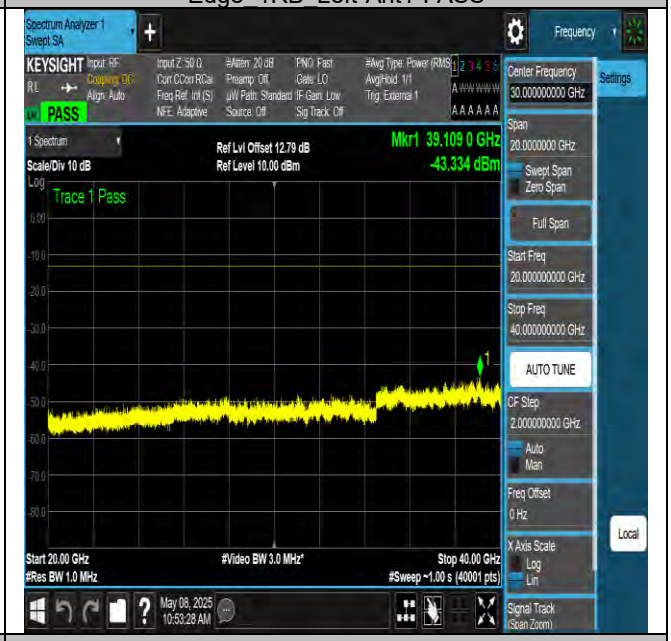

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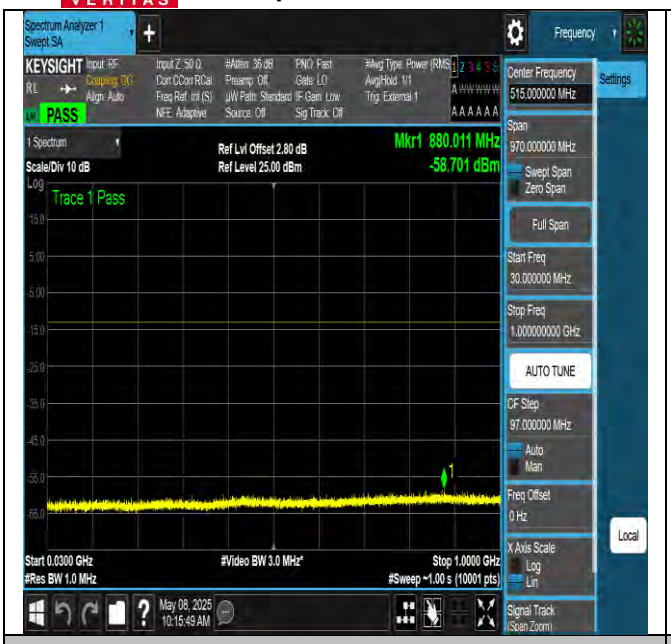

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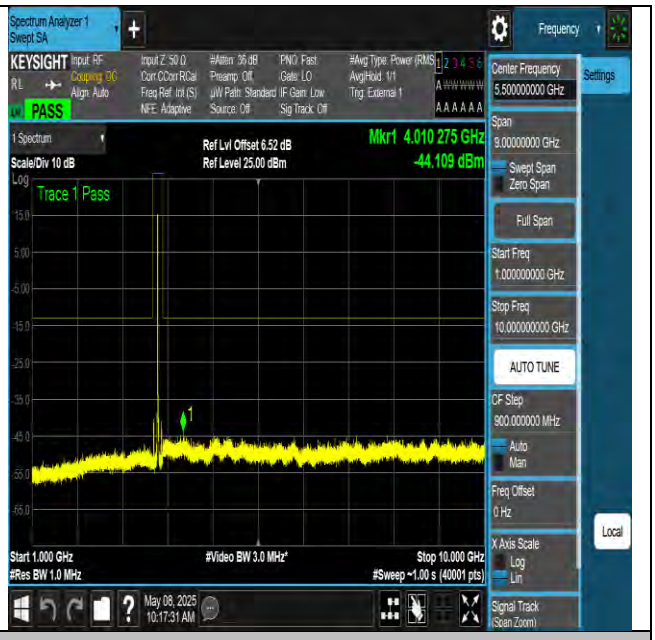

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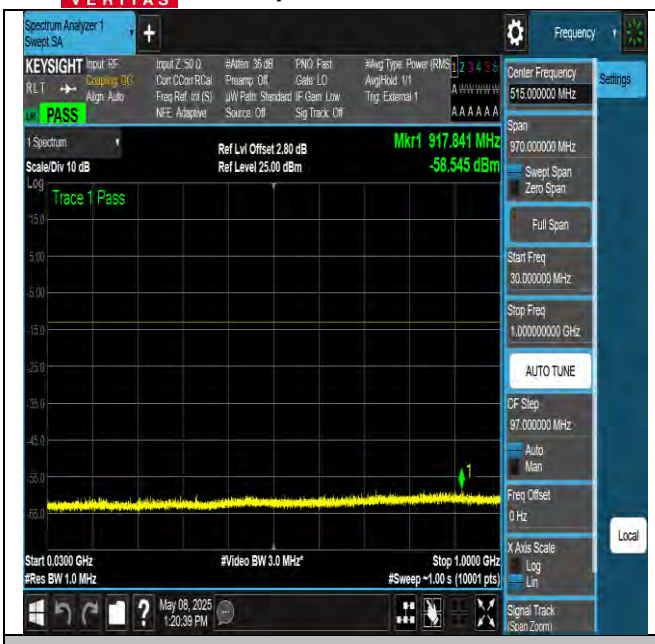

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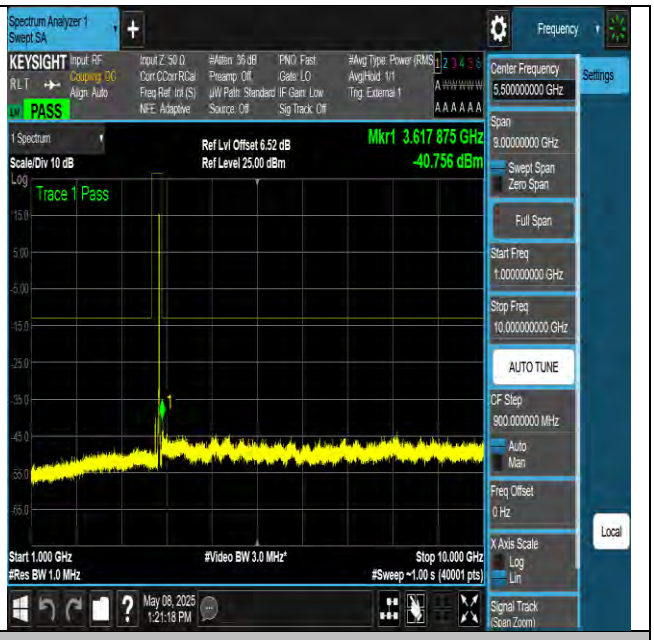

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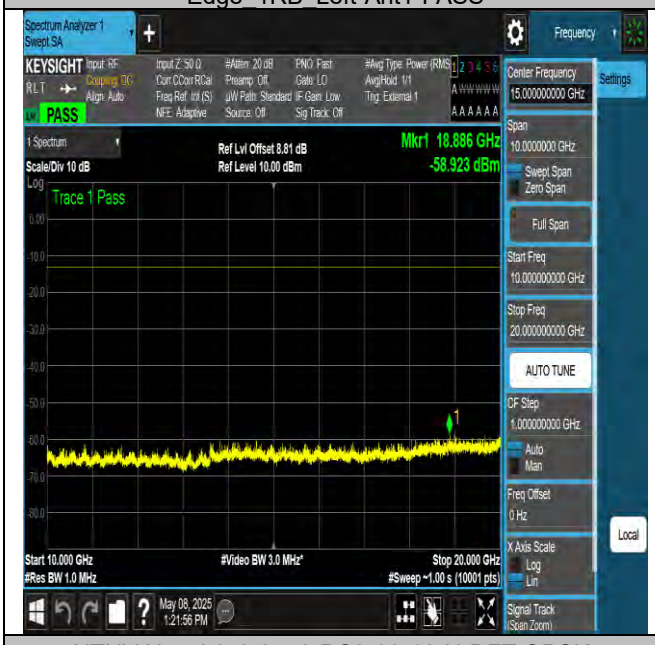

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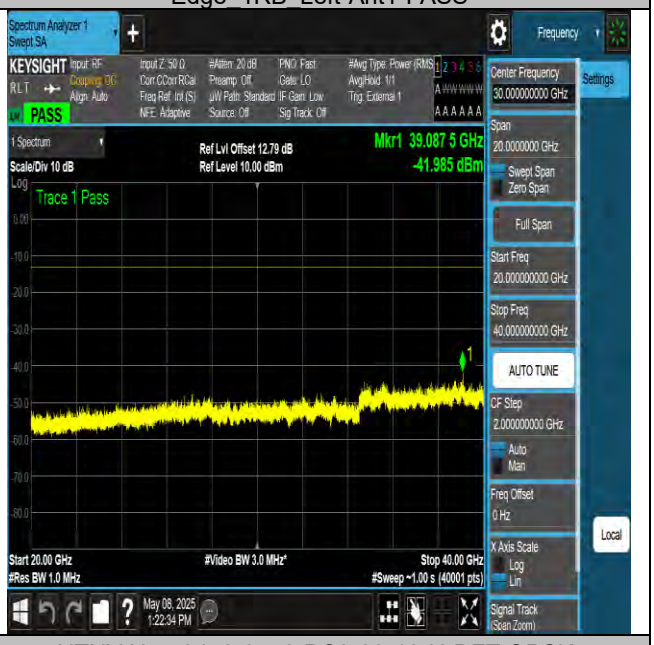

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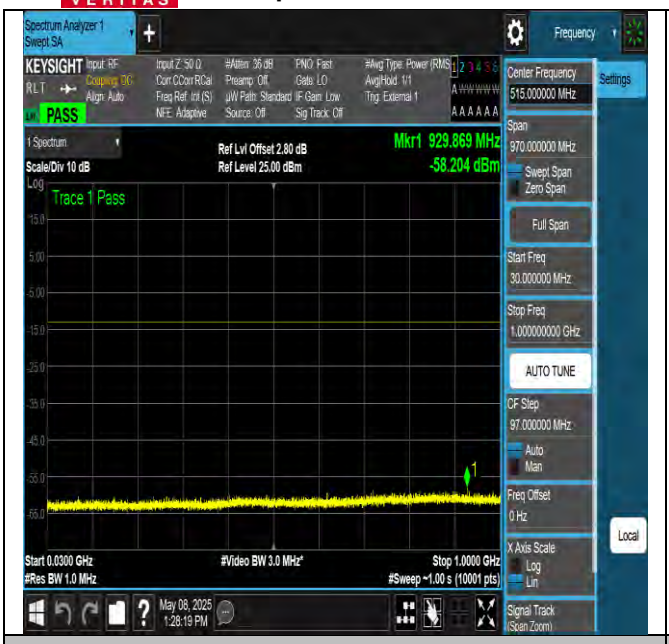

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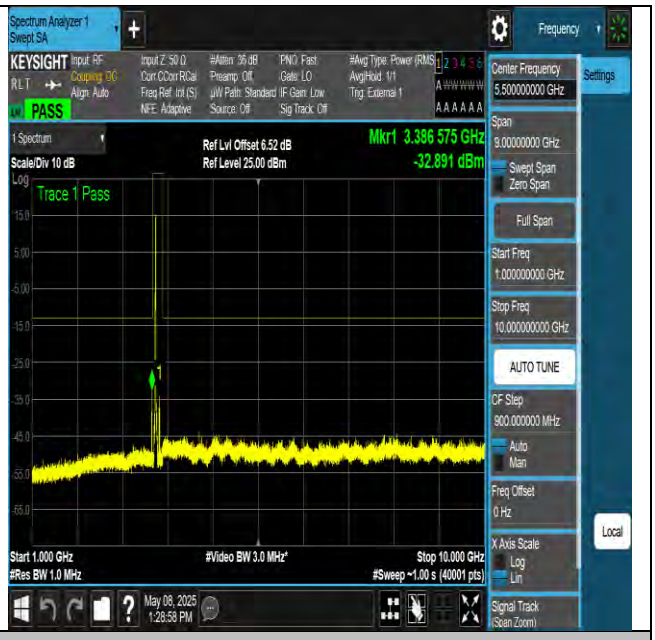

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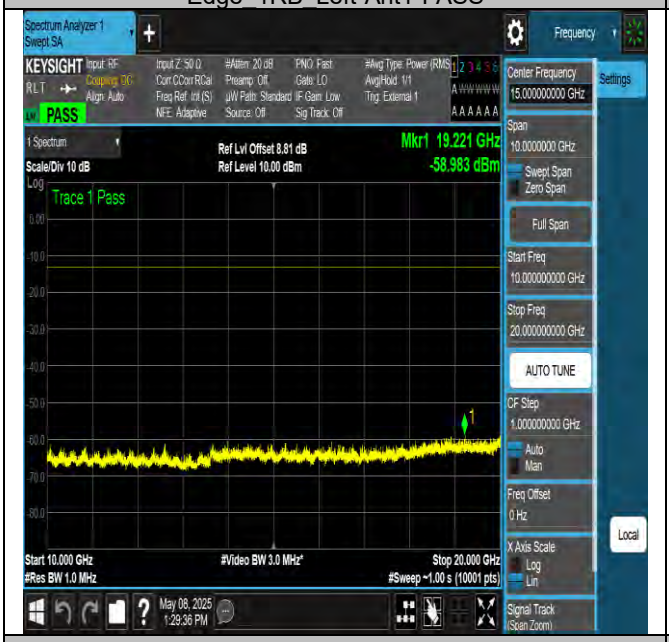

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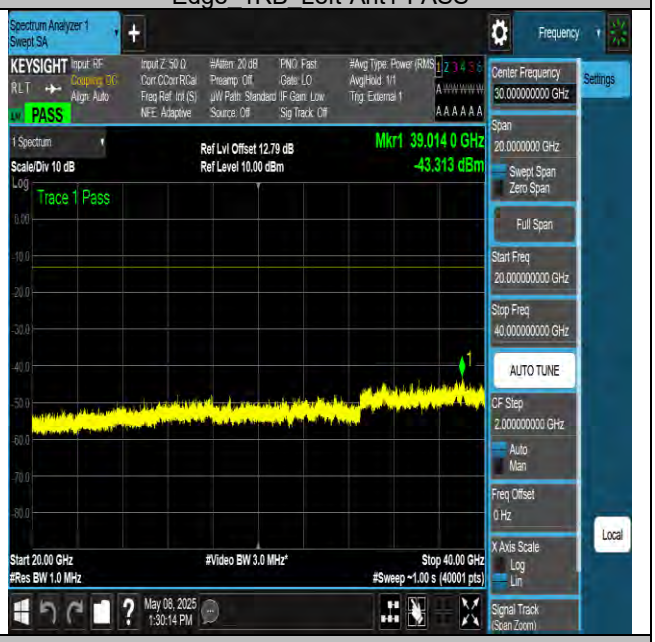

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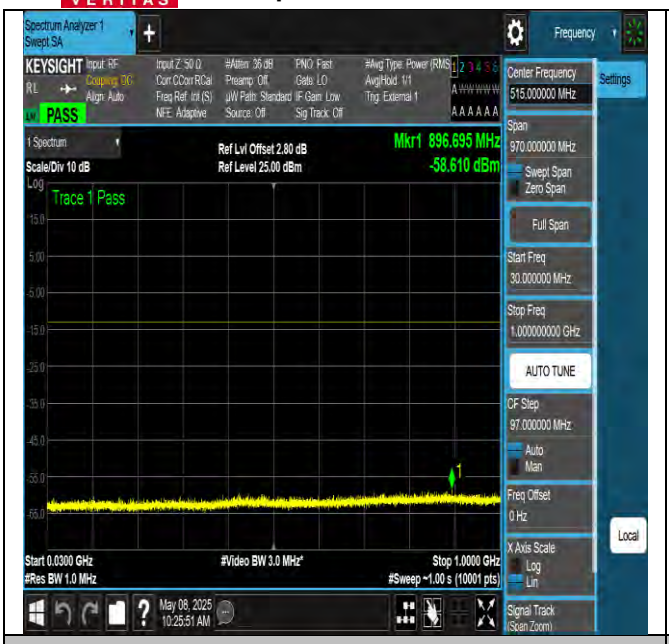

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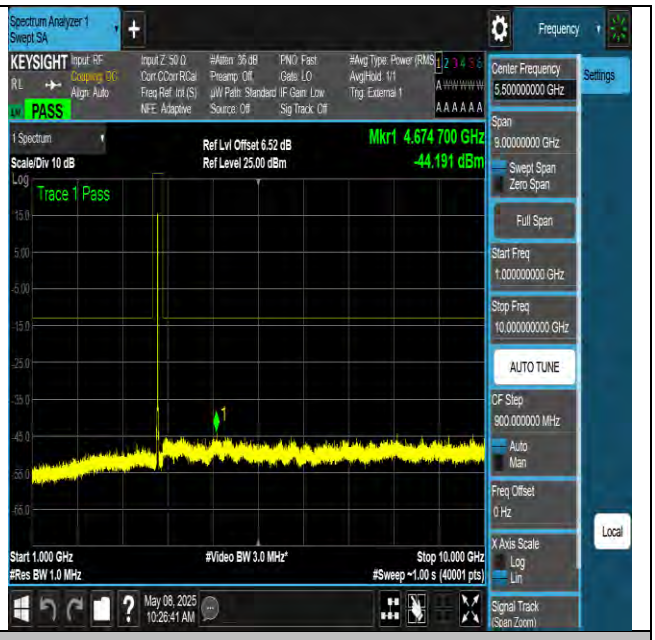

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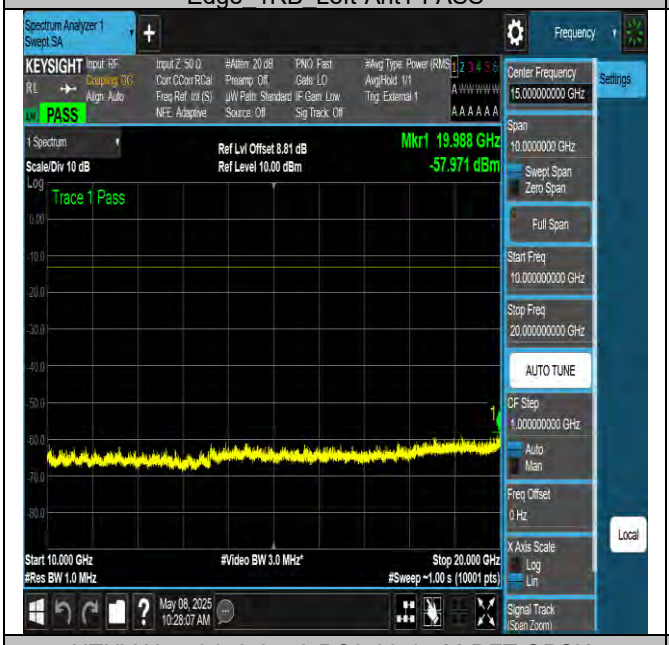

NTNV-N77-3450-3550-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

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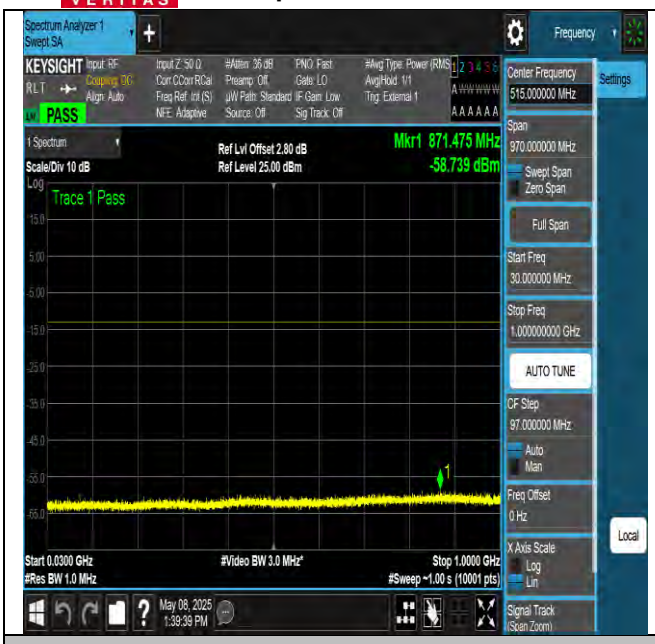

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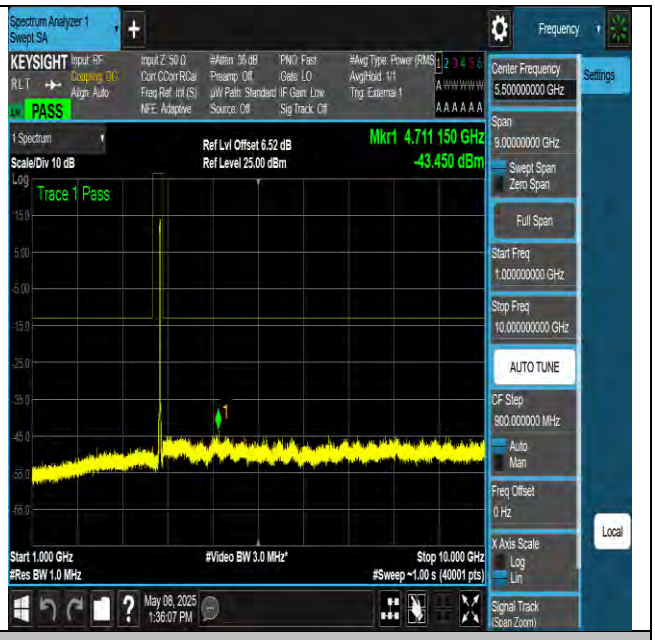

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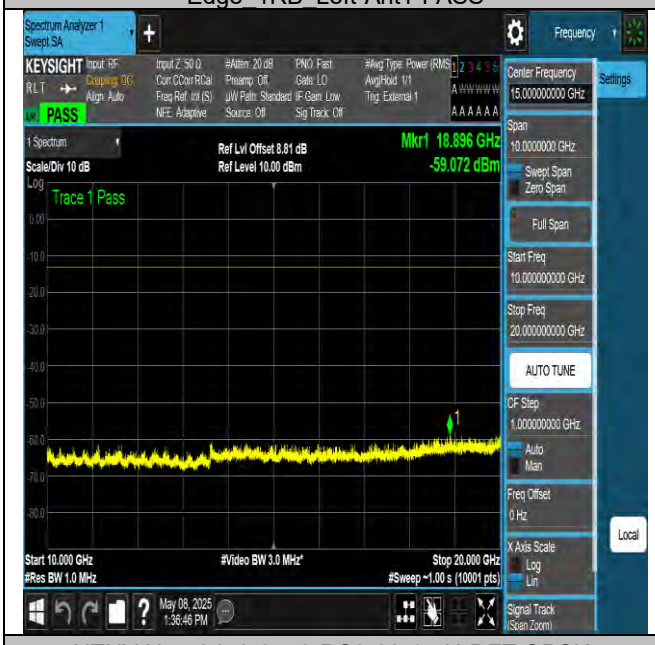

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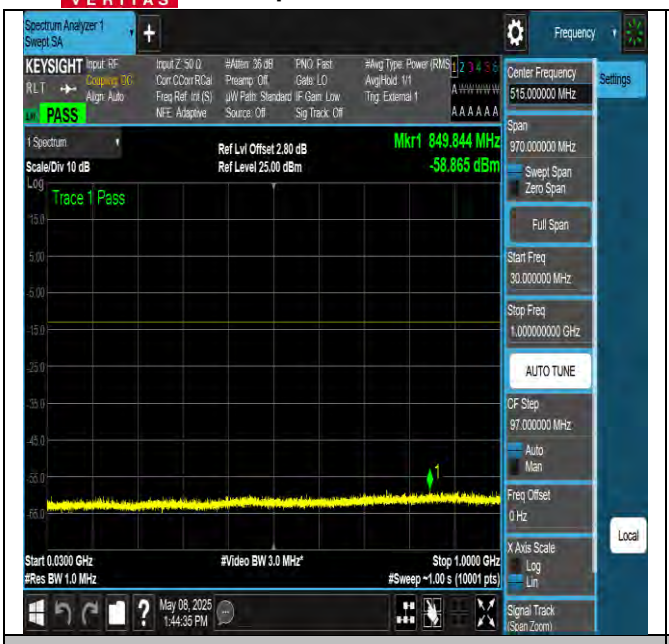

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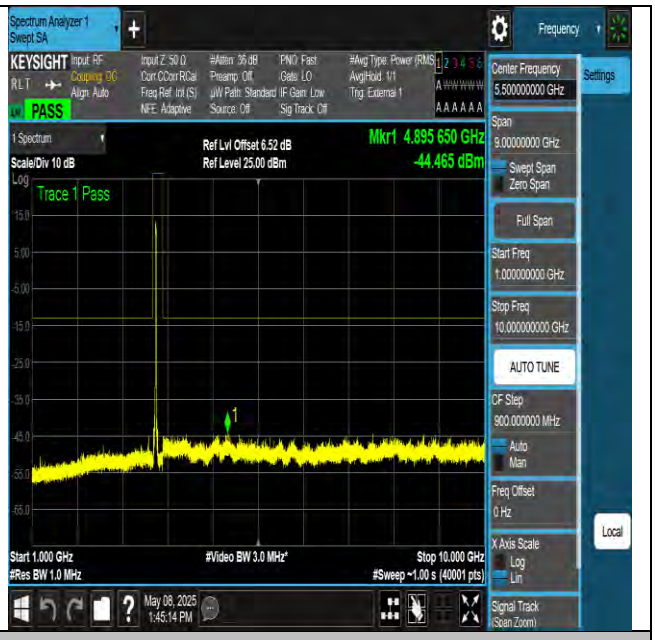

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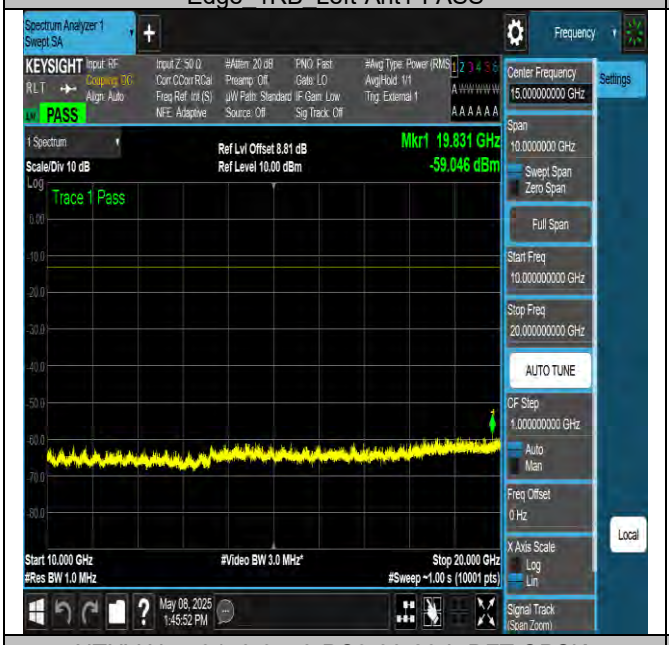

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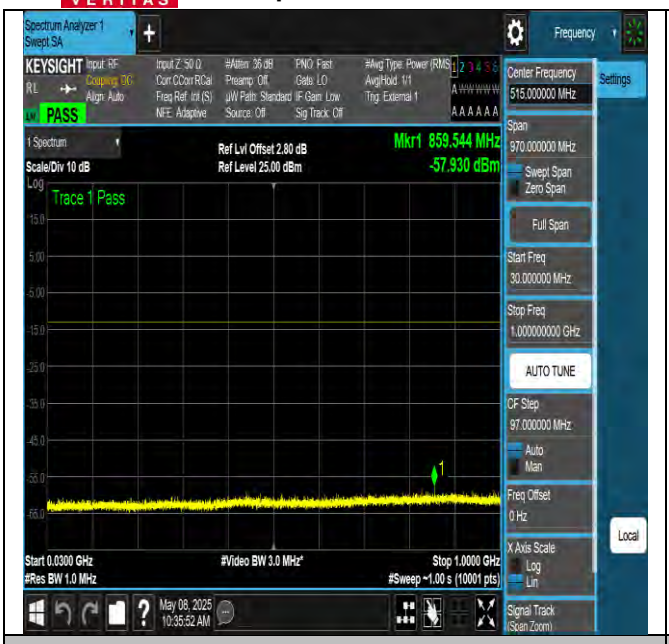

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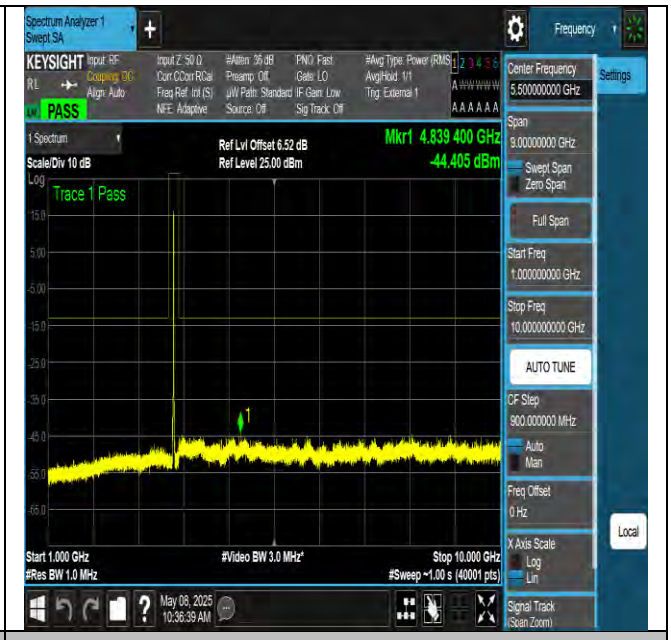

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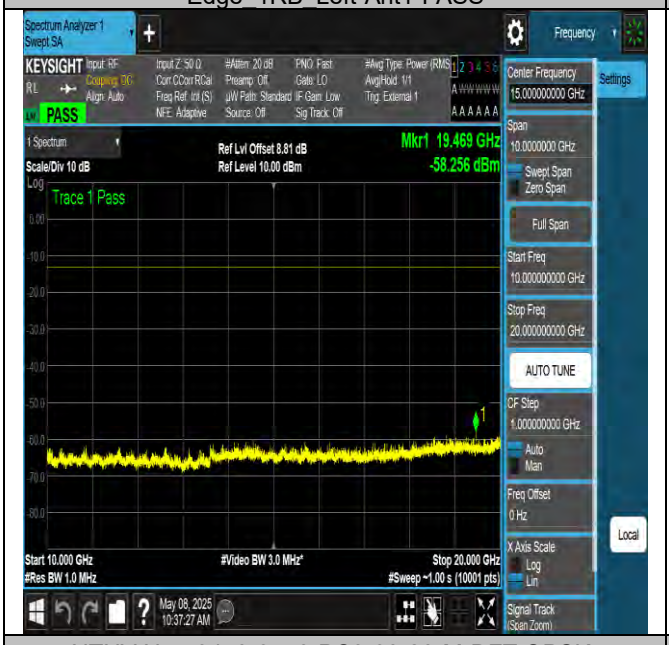

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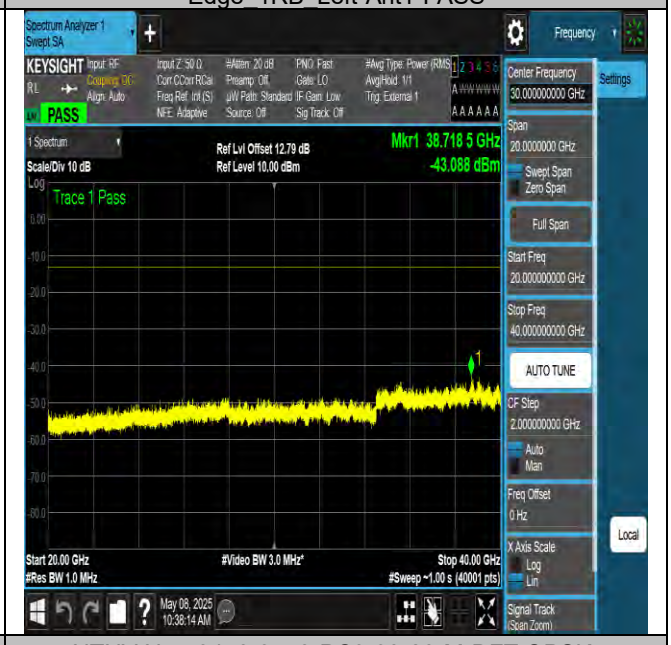

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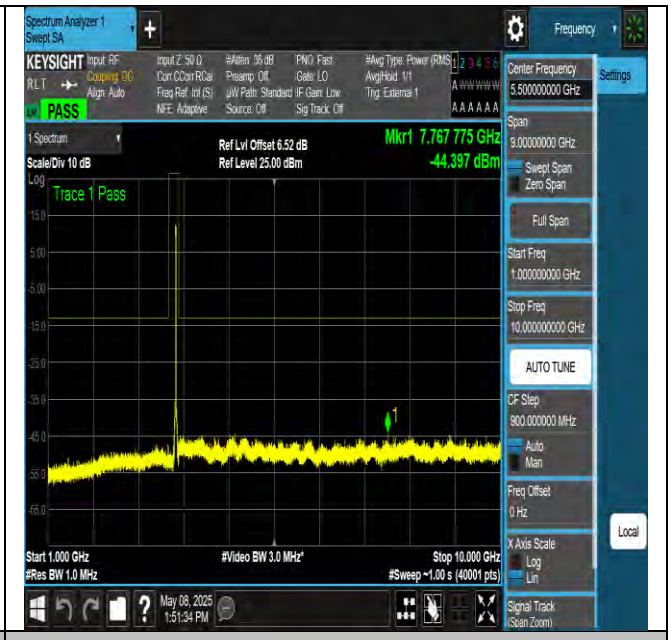
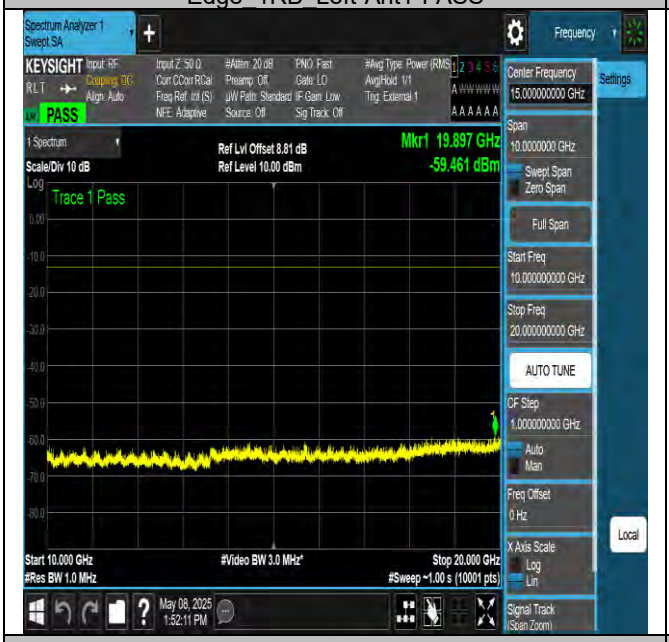
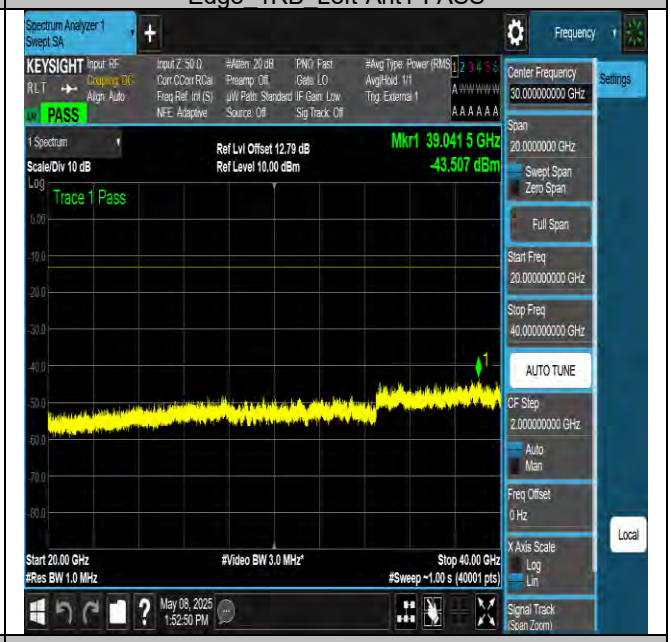


NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3450-3550-PC3-30-20-H-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
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VL	NT	3.000000	0.000868	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	5.000000	0.001447	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	12.000000	0.003473	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	19.000000	0.005429	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	9.000000	0.002571	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	7.000000	0.002000	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	6.000000	0.001693	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	8.000000	0.002257	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	18.000000	0.005078	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-30	10.000000	0.002894	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-20	2.000000	0.000579	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	6.000000	0.001737	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	16.000000	0.004631	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	5.000000	0.001447	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	10.000000	0.002894	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	1.000000	0.000289	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	12.000000	0.003473	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	3.000000	0.000868	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	17.000000	0.004857	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	13.000000	0.003714	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	1.000000	0.000286	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	18.000000	0.005143	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	14.000000	0.004000	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	16.000000	0.004571	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	11.000000	0.003143	PASS

N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	9.000000	0.002571	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	1.000000	0.000286	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	7.000000	0.001975	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	17.000000	0.004795	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	19.000000	0.005360	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	15.000000	0.004231	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	6.000000	0.001693	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	17.000000	0.004795	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	30	8.000000	0.002257	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	40	19.000000	0.005360	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	10.000000	0.002821	PASS

N77(PART27O)

PEAK-TO-AVERAGE RATIO FOR SA

Peak-to-Average Ratio(CCDF)

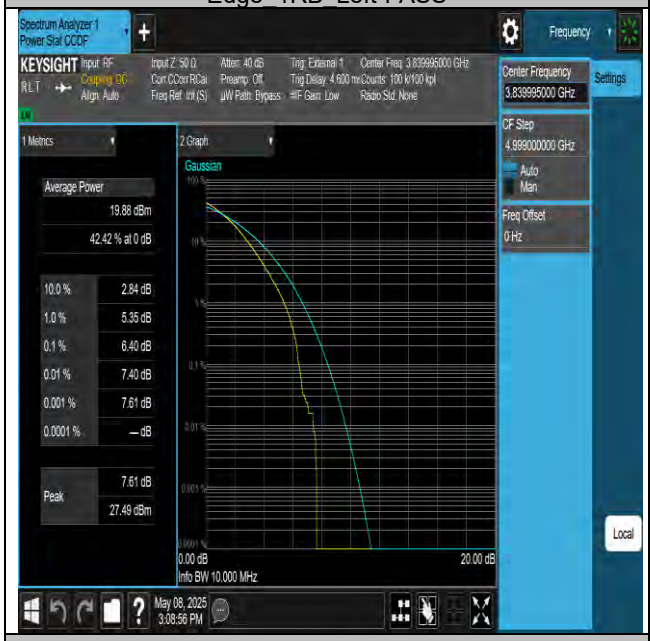
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	6.67	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	6.67	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	6.40	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	6.36	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	6.79	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	6.67	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	7.22	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	7.25	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	6.83	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	6.95	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	6.98	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	6.76	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	6.98	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	7.10	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	7.05	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	6.89	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	6.90	≤13	PASS

Test Graphs

NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-15-L-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-15-H-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-PASS

NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Outer_Full-PASS

NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Edge_1RB_Left-PASS

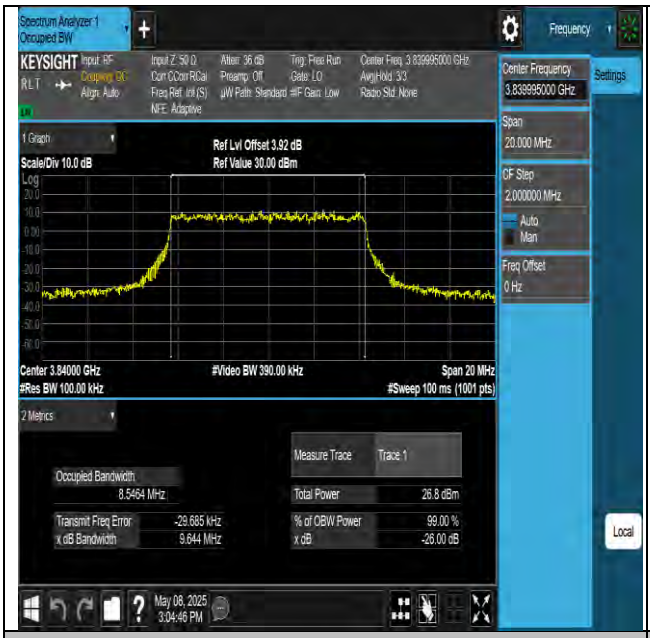
NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Outer_Full-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

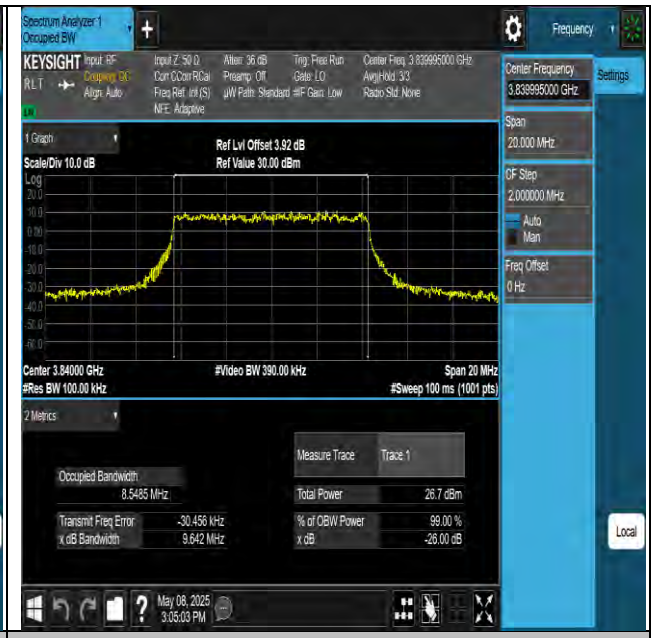
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.5464	9.644	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.5485	9.642	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.5480	9.646	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.5503	9.613	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.5534	9.616	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.859	13.94	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.875	13.93	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.869	13.84	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.862	13.81	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.862	13.87	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.906	19.42	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.896	19.42	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.887	19.32	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.893	19.41	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.895	19.41	PASS

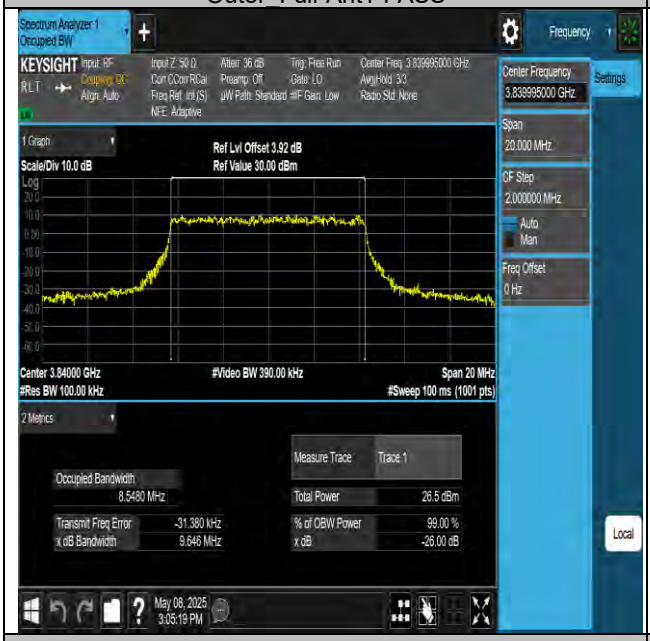
Test Graphs



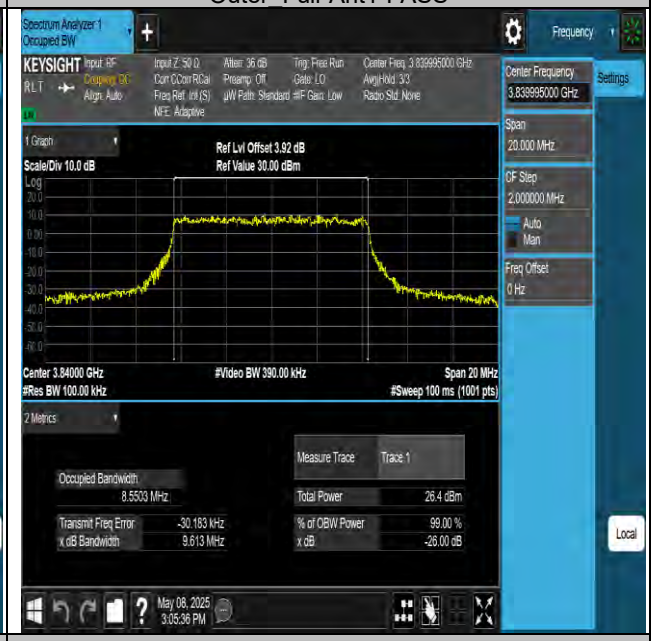
NTNV-N77-3700-3980-PC3-30-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-64QAM-Outer_Full-Ant1-PASS

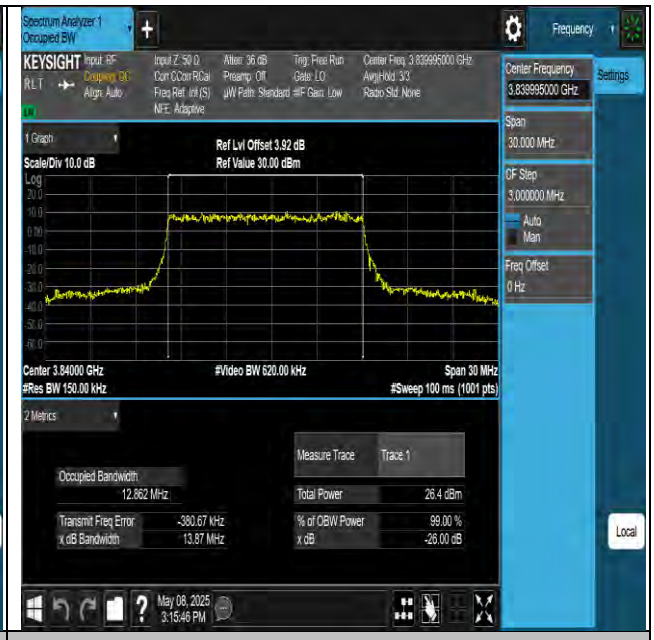
NTNV-N77-3700-3980-PC3-30-10-M-DFT-256QAM-Outer_Full-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS

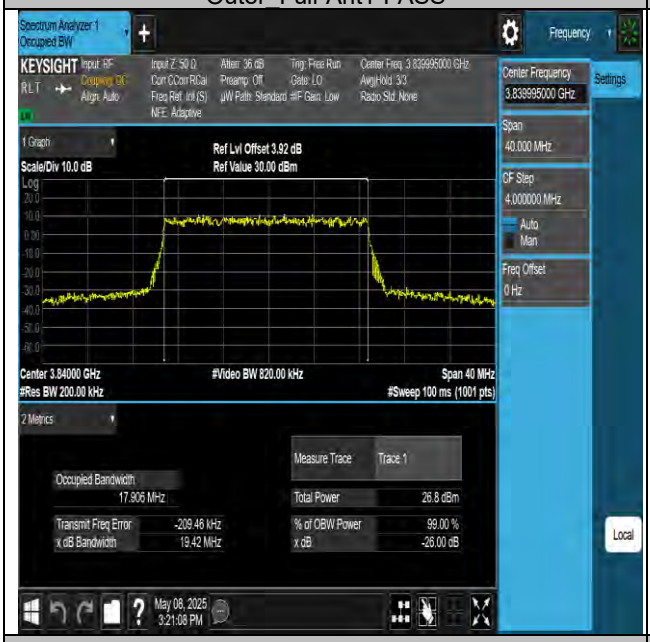
NTNV-N77-3700-3980-PC3-30-15-M-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-16QAM-Outer_Full-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



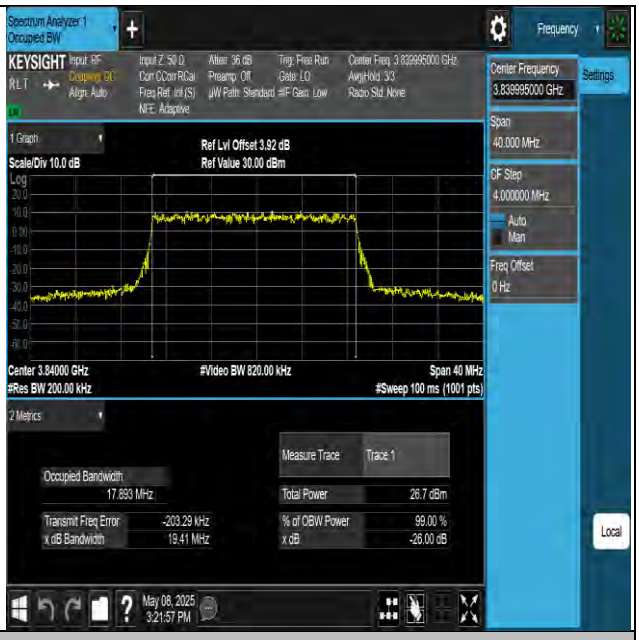
NTNV-N77-3700-3980-PC3-30-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



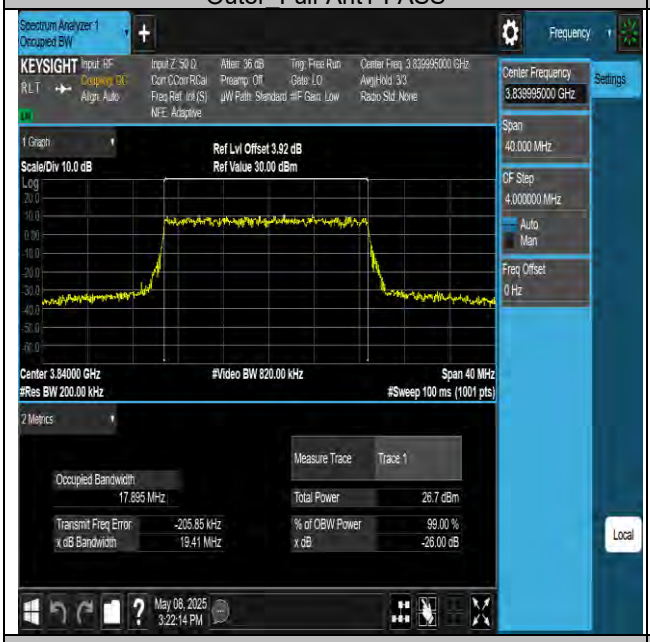
NTNV-N77-3700-3980-PC3-30-20-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-N77-3700-3980-PC3-30-20-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-M-DFT-64QAM-Outer_Full-Ant1-PASS



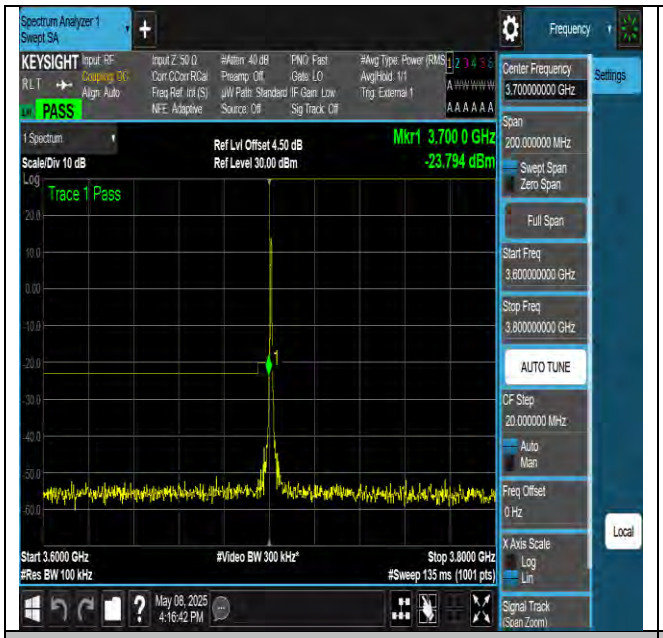
NTNV-N77-3700-3980-PC3-30-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

BAND EDGE FOR SA

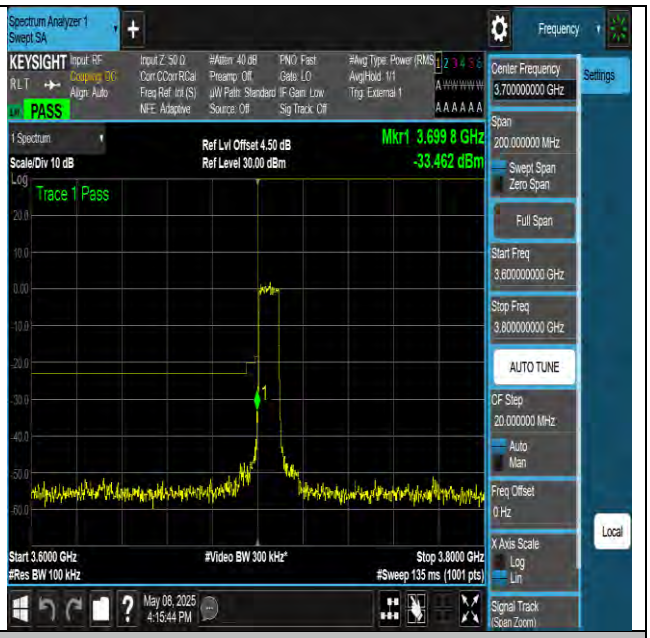
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	-23.79	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	-33.46	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Right	-27.07	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	-29.10	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	-20.16	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	-32.98	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Right	-19.28	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	-40.21	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	-24.18	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	-38.38	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Right	-29.51	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	-40.75	PASS

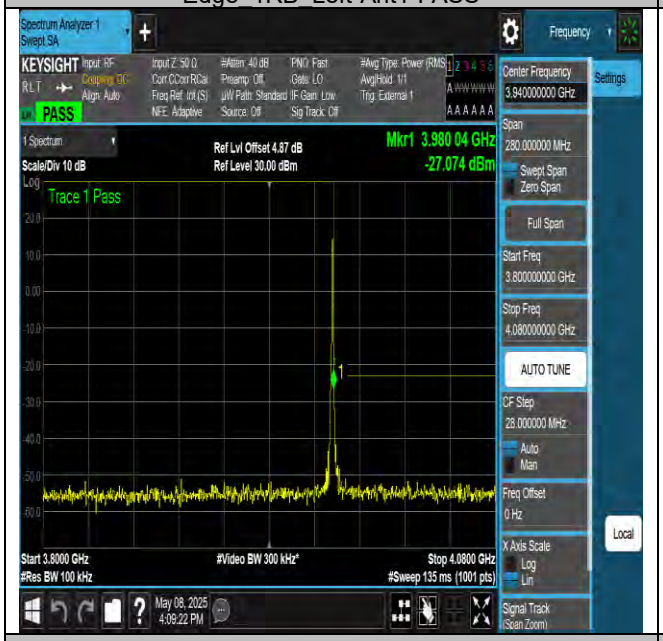
Test Graphs



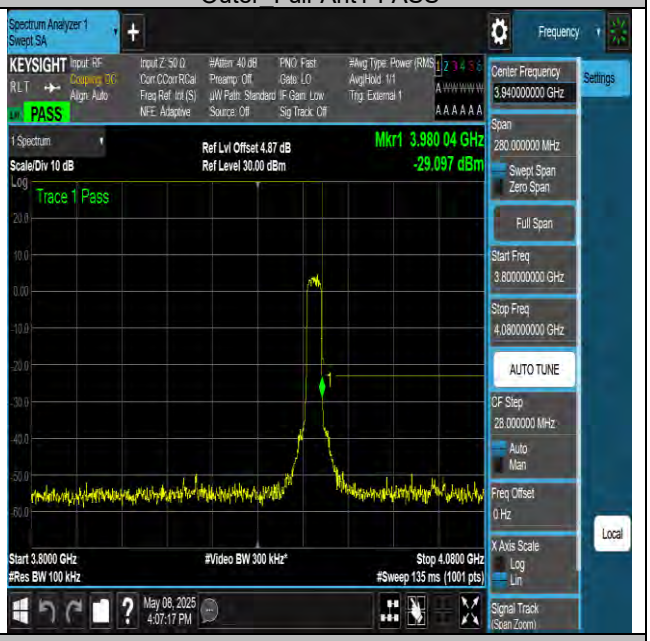
NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-H-DFT-QPSK-Outer_Full-Ant1-PASS