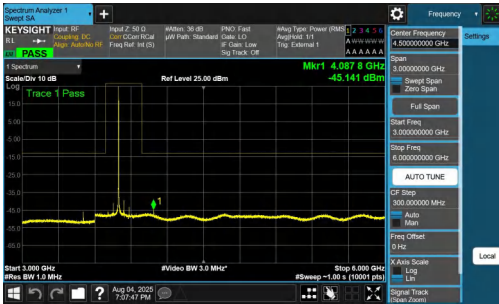
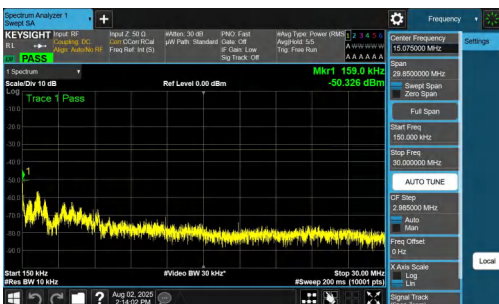
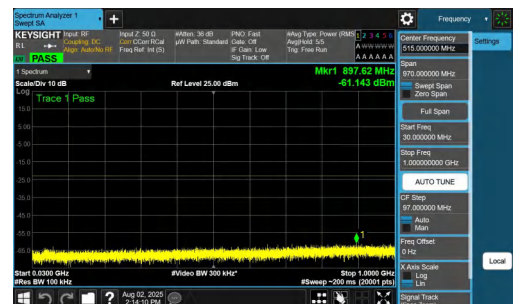



NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Left-300
0-6000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Left-600
0-26000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Left-260
00-40000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-0.0
09-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-0.0
15-30-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-30-
1000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-1
000-3000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-30
00-6000-PASS



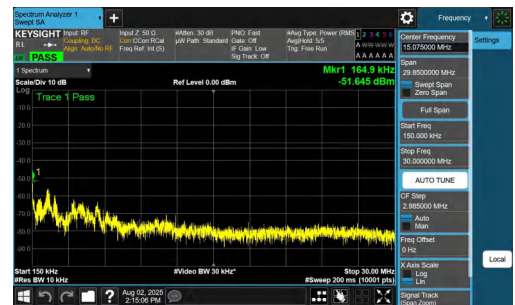
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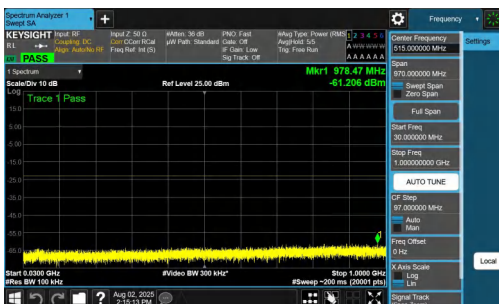
NTNV-n77(3700-3980)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-26000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-0.09-0.15-PASS



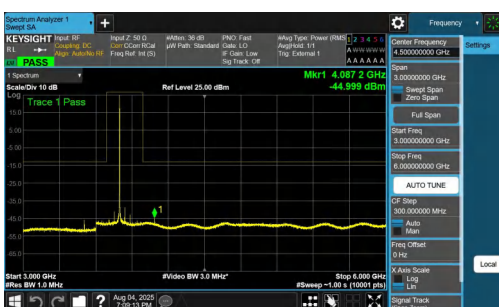
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NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-1000-3000-PASS

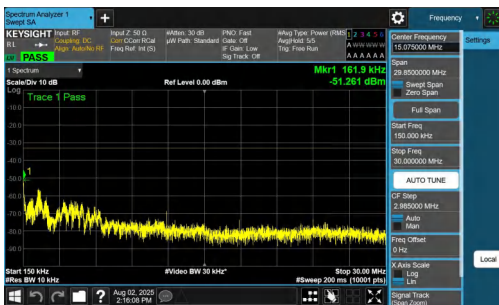
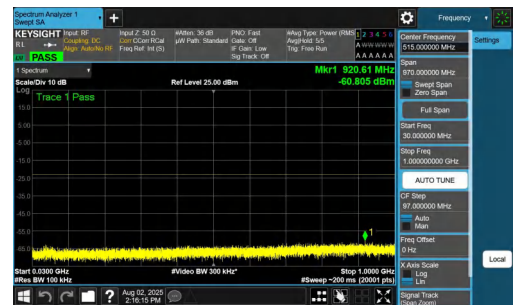


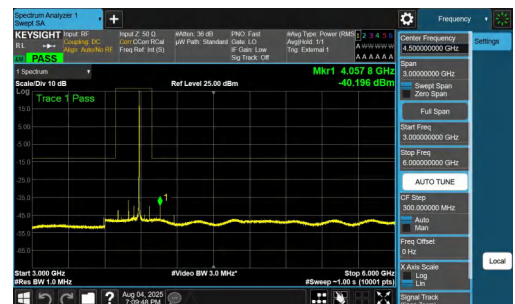
NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-3000-6000-PASS



NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-6000-26000-PASS

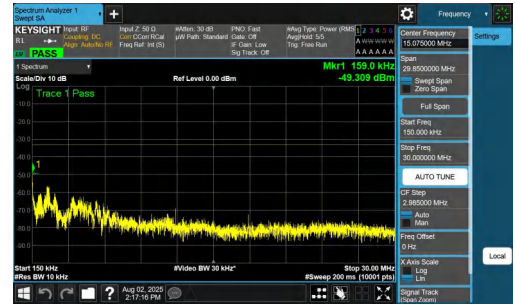
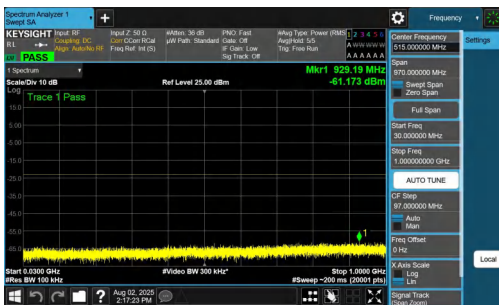

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-26
000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-0.0
09-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-0.
15-30-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-30
-1000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-1
000-3000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-30
00-6000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-6
000-26000-PASS

NTNV-n77(3700-3980)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-26
000-40000-PASS


NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-0.0
09-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-0.15-
30-PASS

NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-30-
1000-PASS

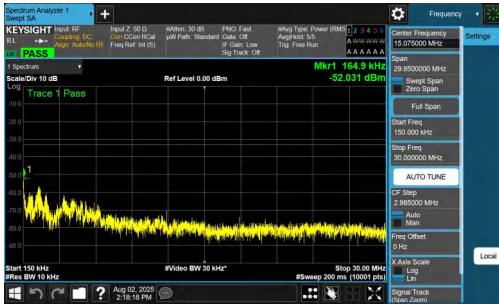
NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-1000
-3000-PASS

NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-300
0-6000-PASS

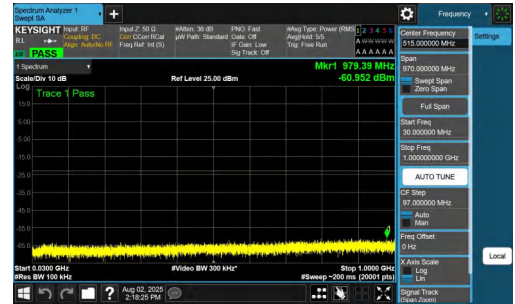
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-26000-PASS

NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-260
00-40000-PASS

NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-0.0
09-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-10-00-3000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-30-00-6000-PASS



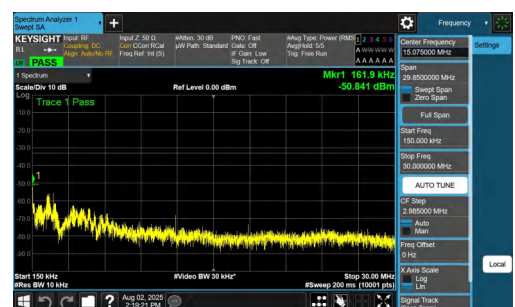
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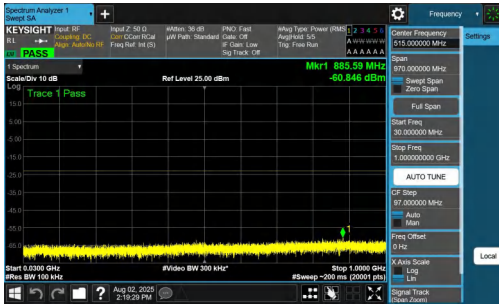
NTNV-n77(3700-3980)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-26-000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-0.09-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-1000-3000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-3000-6000-PASS



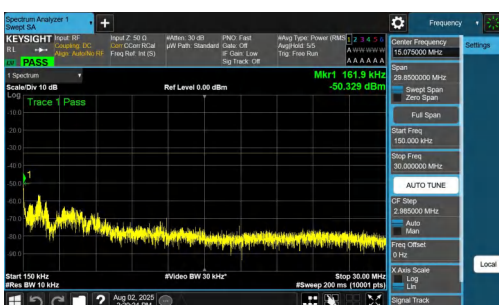
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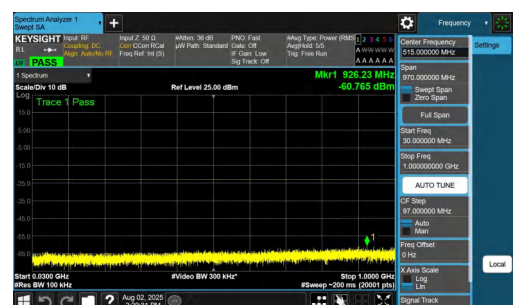
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NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-0.009-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-1
000-3000-PASS



NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-30
00-6000-PASS



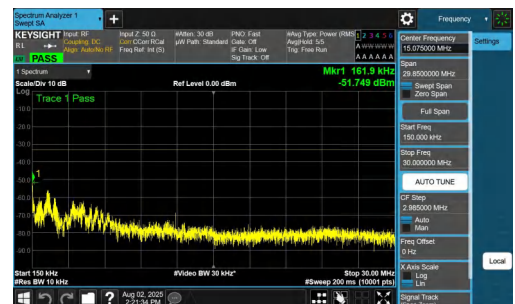
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000-26000-PASS



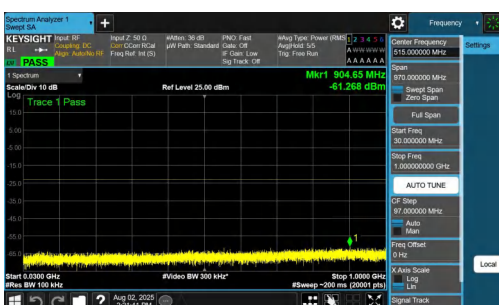
NTNV-n77(3700-3980)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-26
000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-0.0
09-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-0.1
5-30-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-30-
1000-PASS

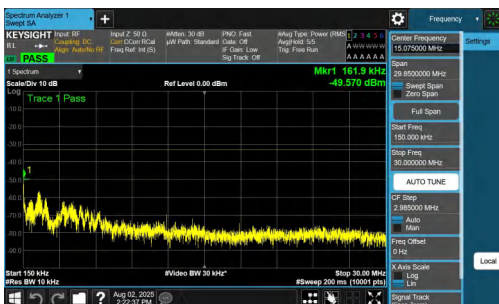
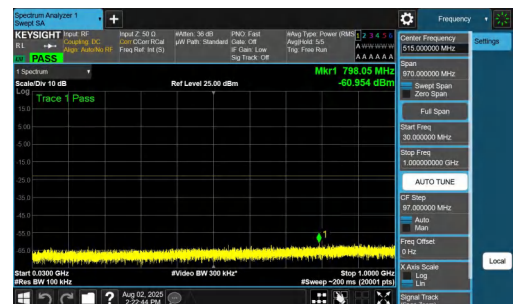


NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-100
0-3000-PASS


NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-30
00-6000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-600
0-26000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-26
000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-0.
009-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-0
.15-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-30
-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-1
000-3000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-30
00-6000-PASS



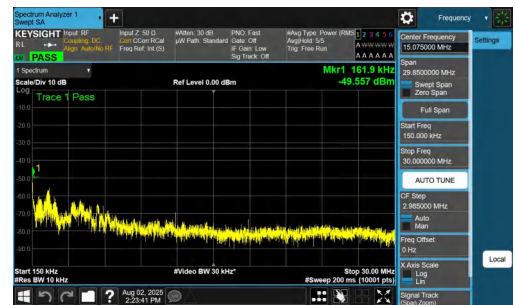
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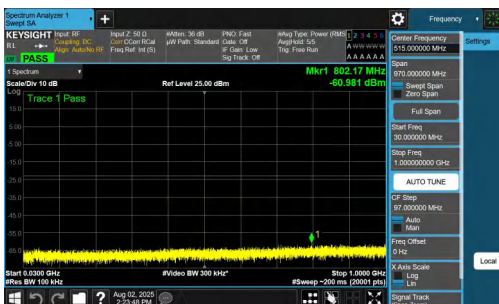
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NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-0.15-5-30-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-1000-3000-PASS

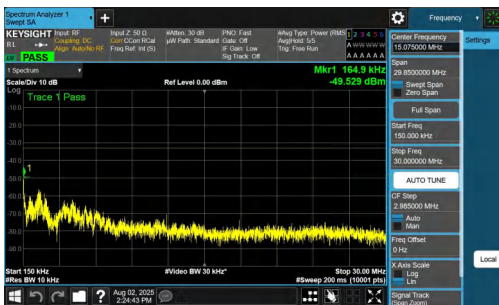
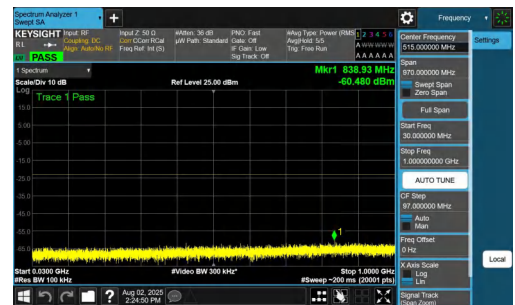


NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-3000-6000-PASS



NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-6000-26000-PASS


NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-26
000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-0
009-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-0
.15-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-30
-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-1
000-3000-PASS

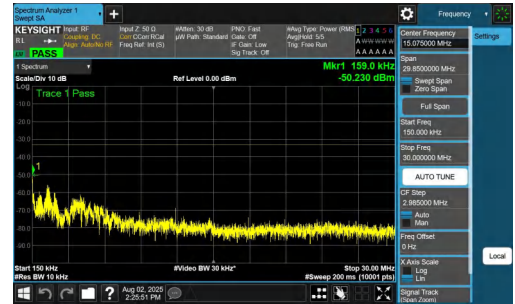
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000-26000-PASS

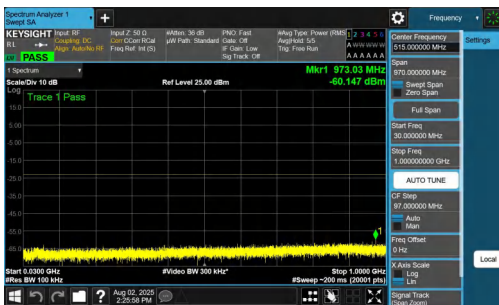
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000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Left-0.009.0.15-PASS



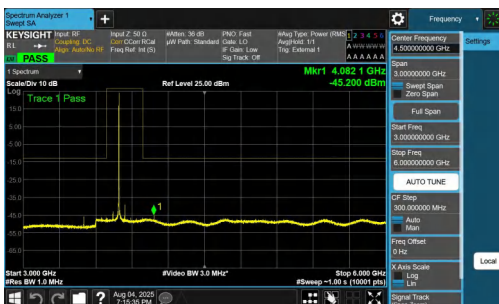
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NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Left-1000-3000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Left-3000-6000-PASS



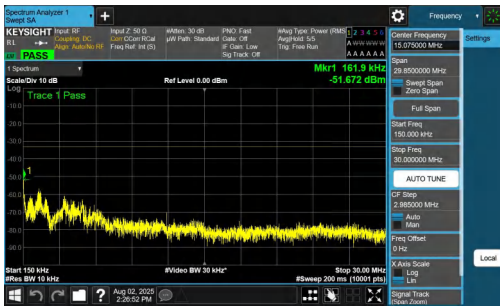
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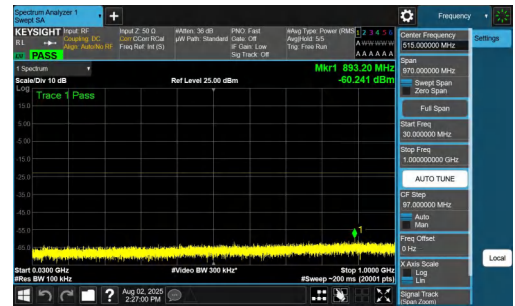
NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Left-26000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-0.009.0.15-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-3 0-1000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-3 000-6000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-BPSK-Inner_1RB_Right-6000-26000-PASS



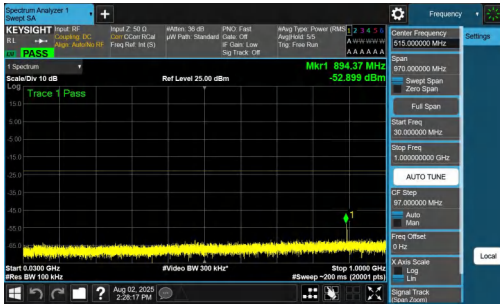
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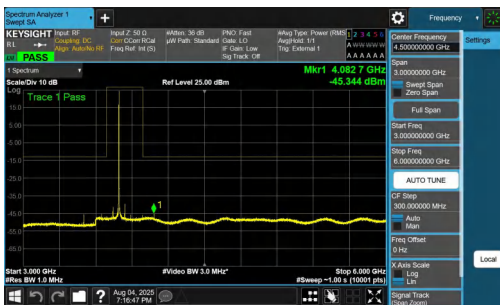


NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-0.009-0.15-PASS



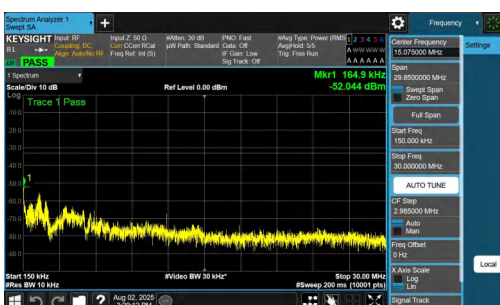
NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-0.1 5-30-PASS


NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-10
00-3000-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-60
00-26000-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Left-2
6000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-0.
009-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-3
0-1000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-3000-6000-PASS



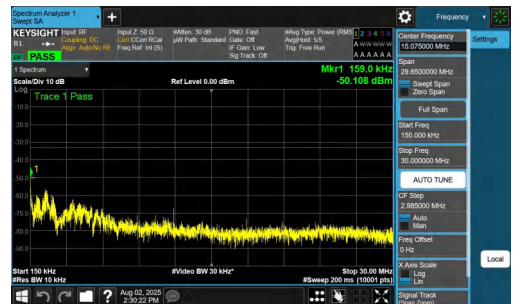
NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-6000-26000-PASS



NTNV-n77(3700-3980)-PC2-30-100-M-DFT-QPSK-Inner_1RB_Right-26000-40000-PASS



NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-30-1000-PASS



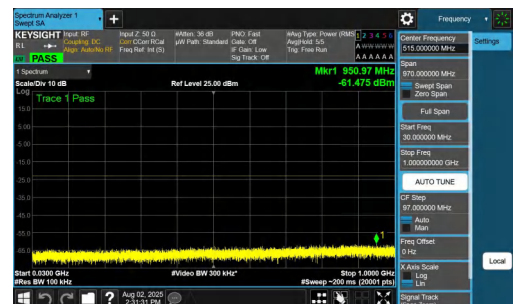
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NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-30
00-6000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-600
0-26000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Left-26
000-40000-PASS

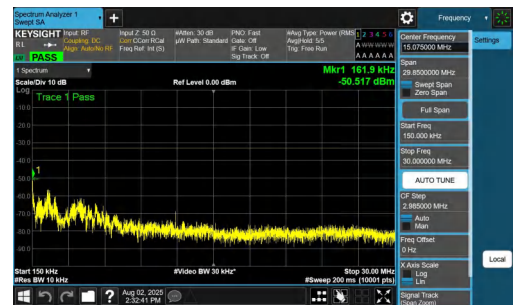
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009-0.15-PASS

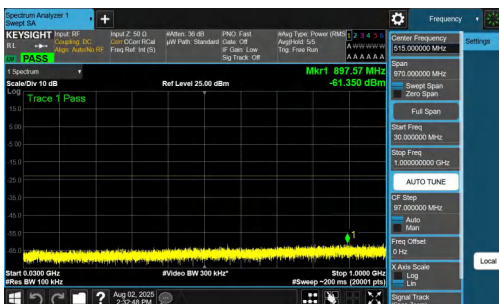
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.15-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Right-3
0-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Right-1
000-3000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Right-3
000-6000-PASS


NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Right-6
000-26000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-BPSK-Inner_1RB_Right-2
6000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-0.
009-0.15-PASS

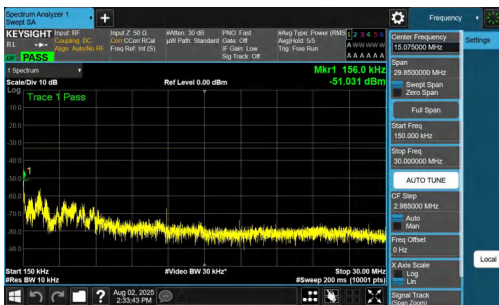
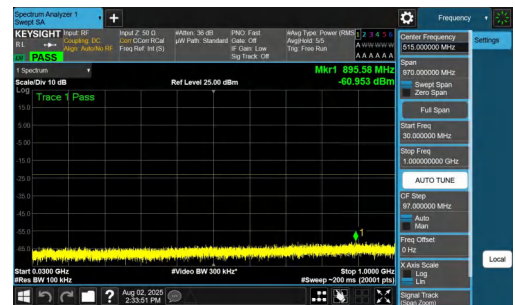
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5-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-30
-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-10
00-3000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-30
00-6000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-60
00-26000-PASS


NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Left-26
000-40000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-0.
009-0.15-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-3
0-1000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-
1000-3000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-3
000-6000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-
6000-26000-PASS

NTNV-n77(3700-3980)-PC2-30-100-H-DFT-QPSK-Inner_1RB_Right-2
6000-40000-PASS

Frequency Stability

Test Result

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-4.44	-0.001156	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-11.61	-0.003023	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-0.87	-0.000227	±2.5	PASS

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-5.24	-0.001365	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-2.66	-0.000693	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-5.28	-0.001375	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	0	-3.6	-0.000938	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	10	-2.62	-0.000682	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	20	-5.07	-0.00132	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	30	-13.12	-0.003417	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	40	-12.19	-0.003174	±2.5	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	NV	50	-4.85	-0.001263	±2.5	PASS

***** End of the Report *****