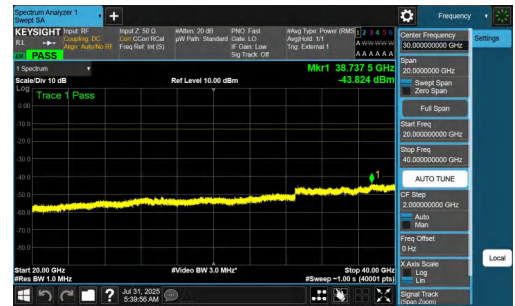
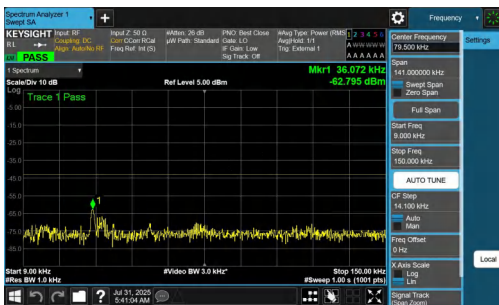




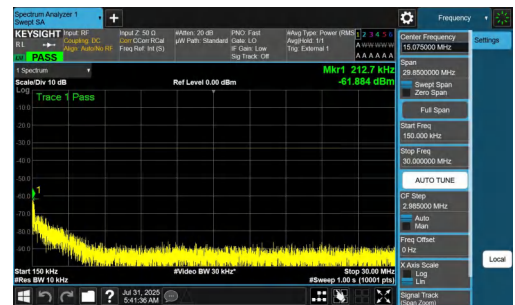
NTVN-n77(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Right-6000-20000-PASS



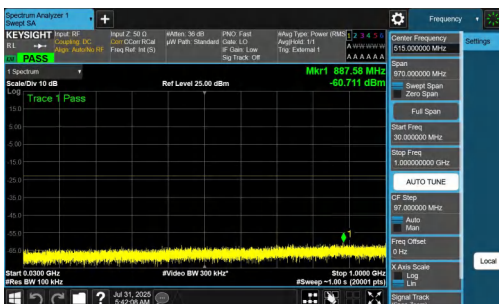
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NTVN-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-0.09-0.15-PASS



NTVN-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-0.15-30-PASS



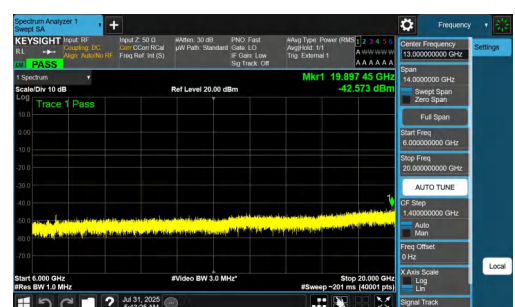
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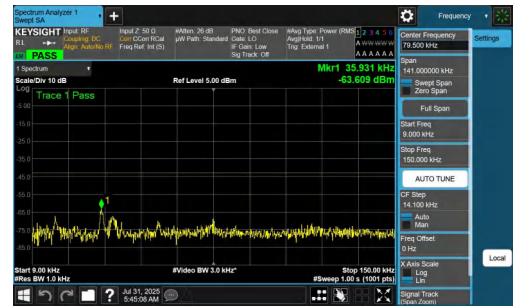
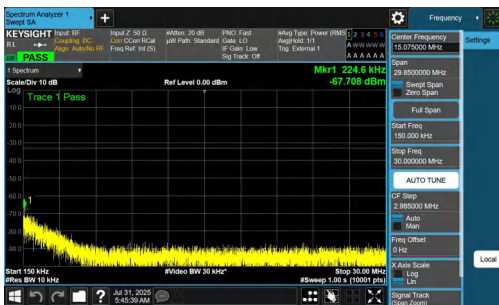
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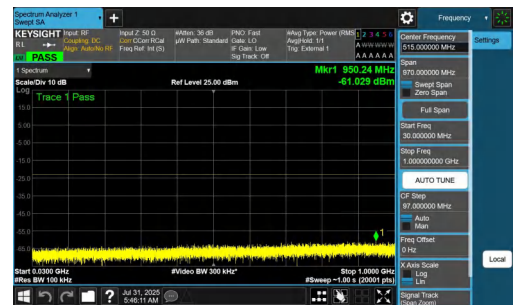
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NTVN-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-600-0-20000-PASS


NTNV-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-20
000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-0.0
09-0.15-PASS


NTNV-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-0.15-30-PASS


NTNV-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-30
-1000-PASS


NTNV-n77(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right-1.000-3000-PASS



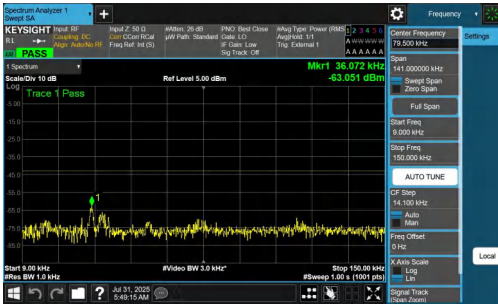
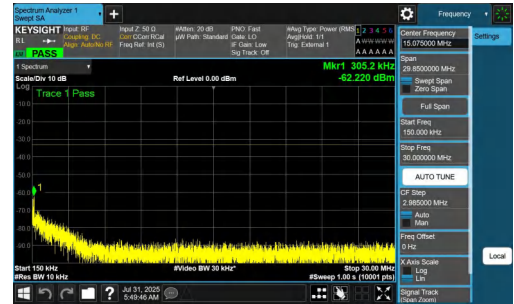
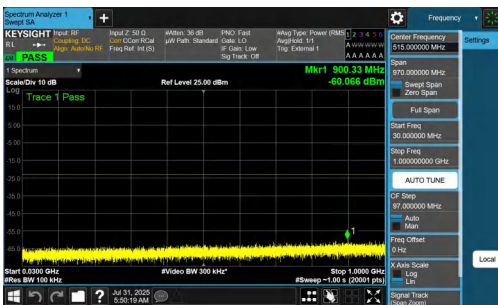
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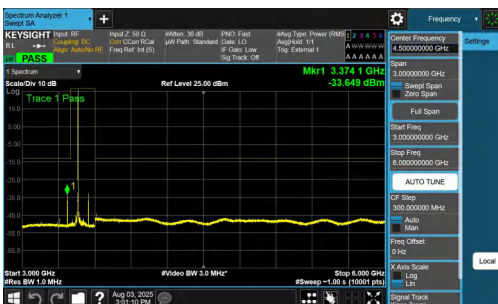


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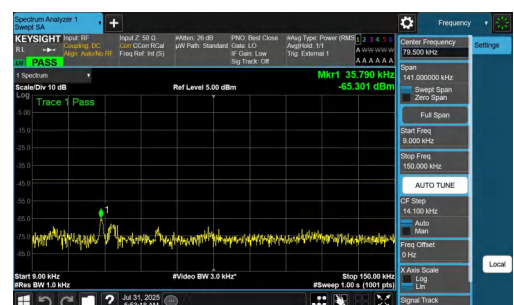


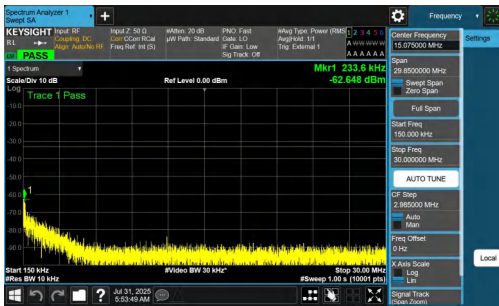
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NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-0.0
09-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-0.15-
30-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-30-
1000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-1000
-3000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-300
0-6000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-6000
-20000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-200
00-40000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-0.0
09-0.15-PASS

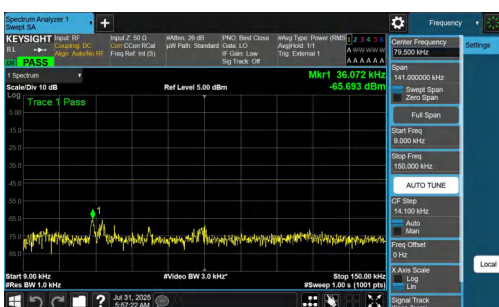

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-0.
15-30-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-30-
1000-PASS

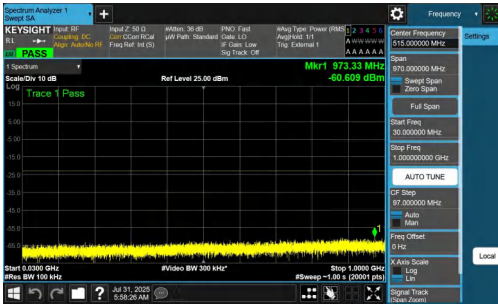
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00-3000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-30
00-6000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-60
00-20000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right-20
000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-0.0
09-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-0.15
-30-PASS



NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-1000-3000-PASS



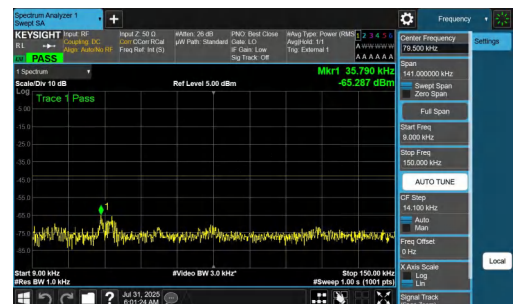
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NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-0.09-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-0.15-30-PASS

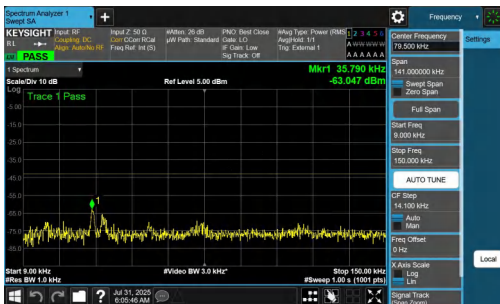
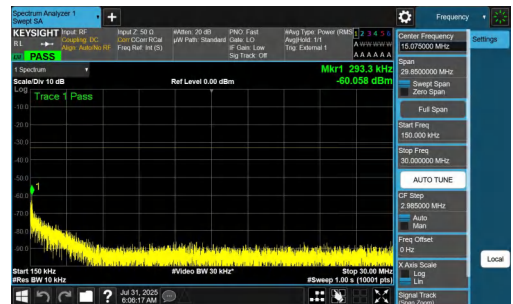
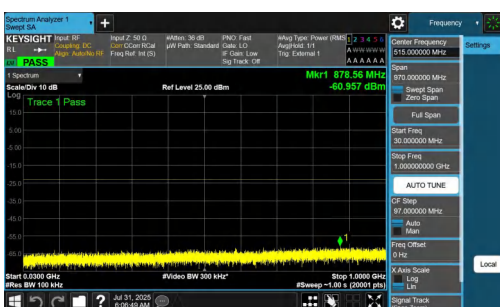


NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-30-1000-PASS

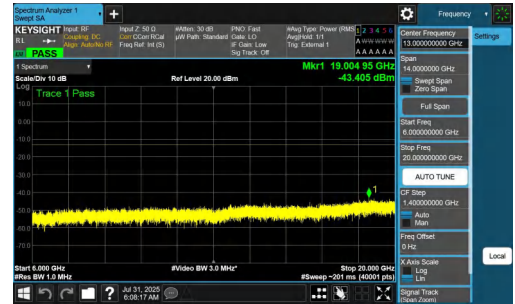

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-1
000-3000-PASS

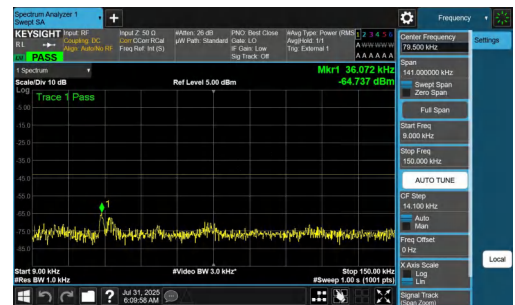
NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-30
00-6000-PASS

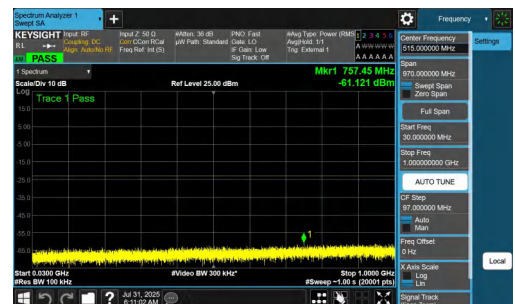
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000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right-20
000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-0.0
09-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-0.1
5-30-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-30-
1000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-100
0-3000-PASS


NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-30
00-6000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-600
0-20000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left-20
000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-0.
009-0.15-PASS

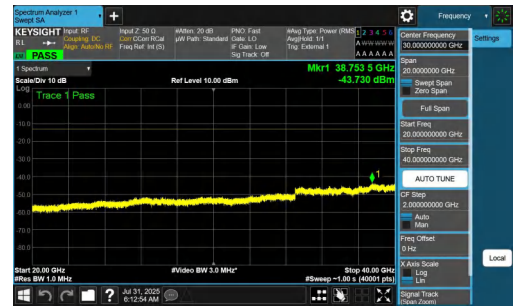
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NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-30
-1000-PASS

NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-1
000-3000-PASS

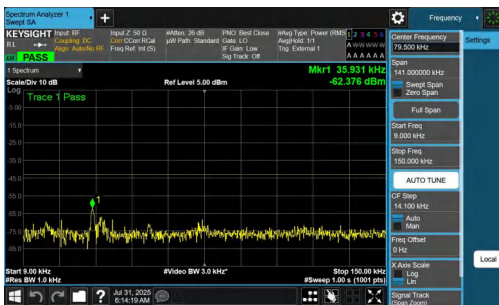
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00-6000-PASS



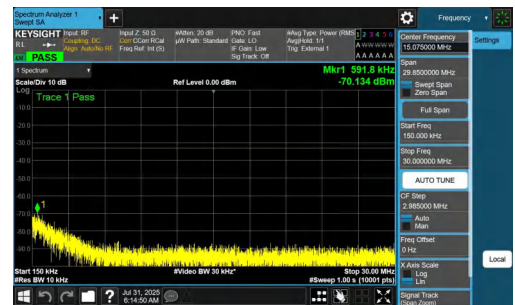
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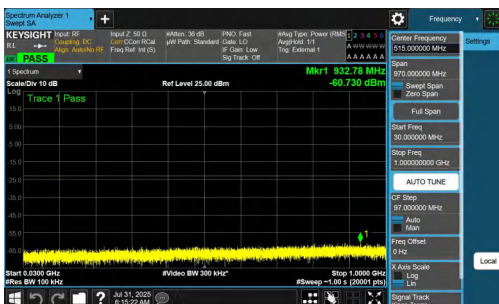
NTNV-n77(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Right-2000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-0.1-5-30-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left-100-0-3000-PASS



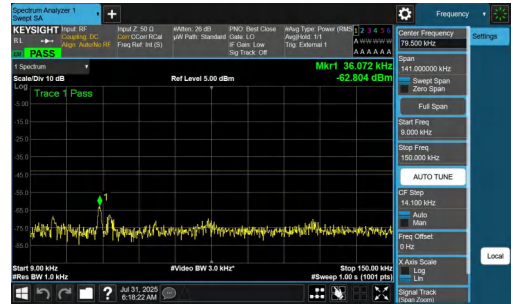
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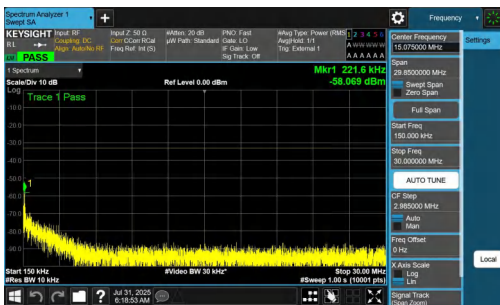
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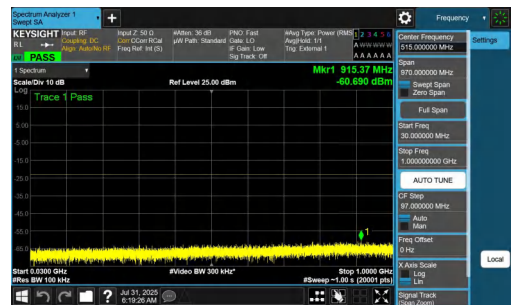
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NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-0009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-0.15-30-PASS



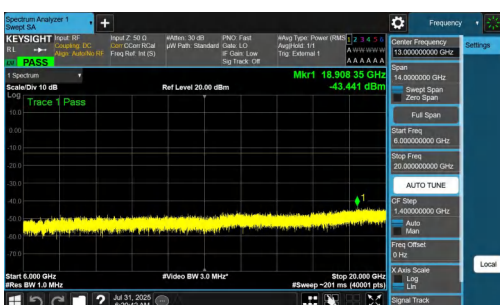
NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-3000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Right-20000-40000-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(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-5.02	-0.001434	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-8.14	-0.002326	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-3.85	-0.0011	±2.5	PASS

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-2.3	-0.000657	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-11.95	-0.003414	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-5.09	-0.001454	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	0	-5.9	-0.001686	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	10	-3.83	-0.001094	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	20	-7.17	-0.002049	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	30	-4.31	-0.001231	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	40	-4.97	-0.00142	±2.5	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	50	-3.72	-0.001063	±2.5	PASS

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