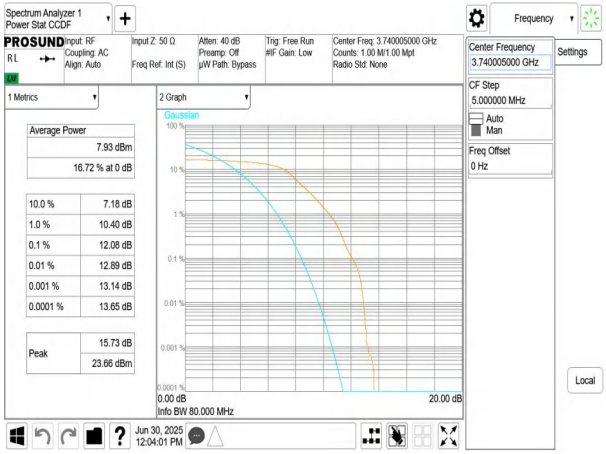
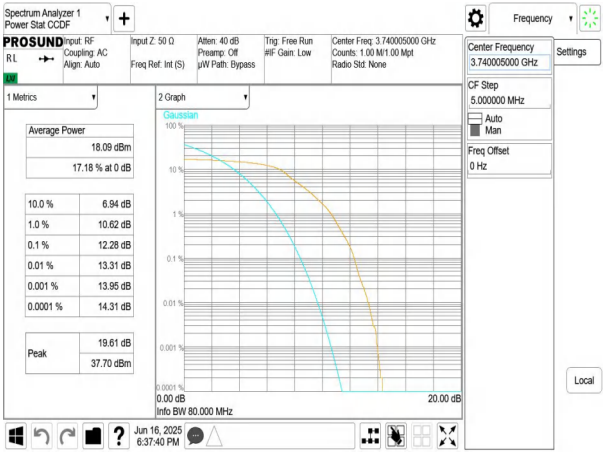


NTNV-n77(3700-3980)-PC3-30-80-L-DFT-BPSK-Outer_Full-PASS

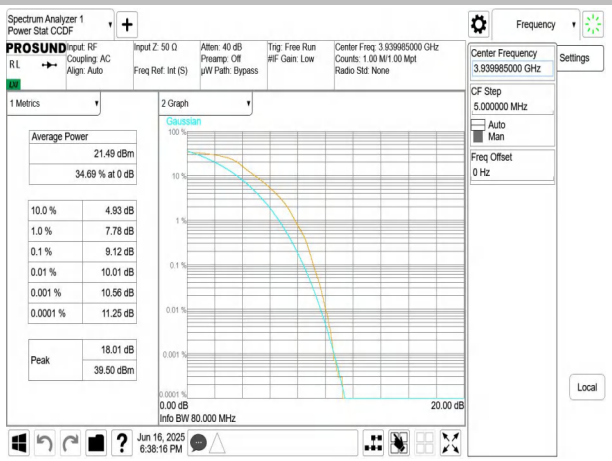


NTNV-n77(3700-3980)-PC3-30-80-L-DFT-QPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-80-M-DFT-BPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-80-M-DFT-QPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-80-H-DFT-BPSK-Outer_Full-PASS



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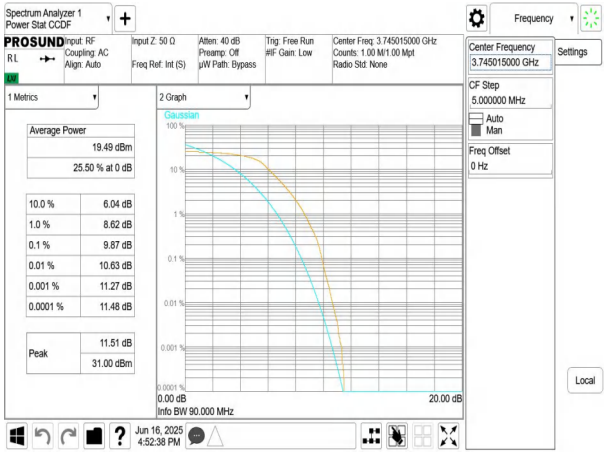
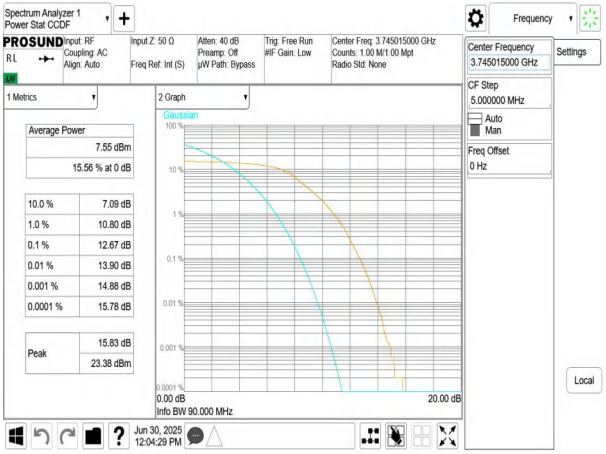


NTNV-n77(3700-3980)-PC3-30-90-L-DFT-BPSK-Outer_Full-PASS



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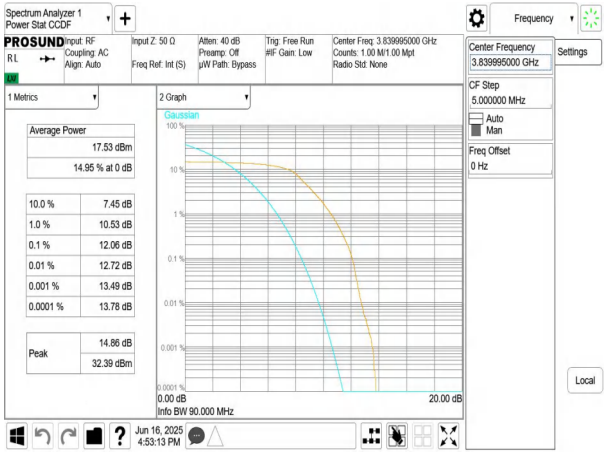
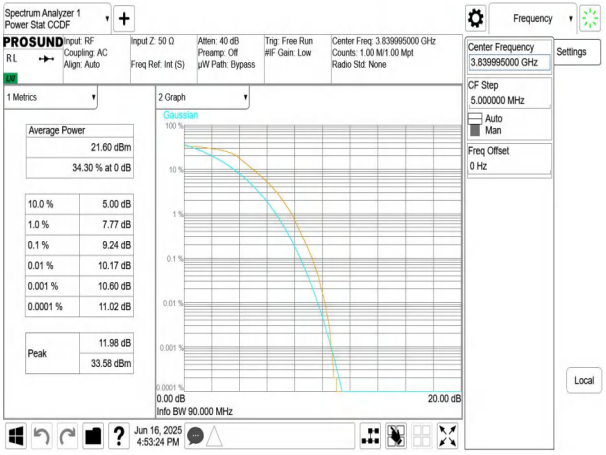
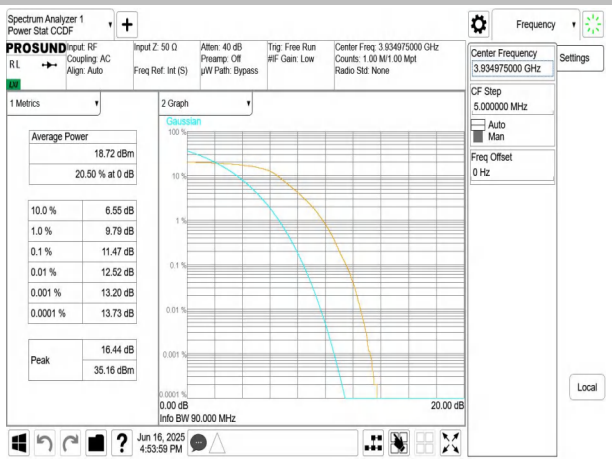


NTNV-n77(3700-3980)-PC3-30-90-M-DFT-BPSK-Outer_Full-PASS



NTNV-n77(3700-3980)-PC3-30-90-M-DFT-QPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-90-H-DFT-BPSK-Outer_Full-PASS



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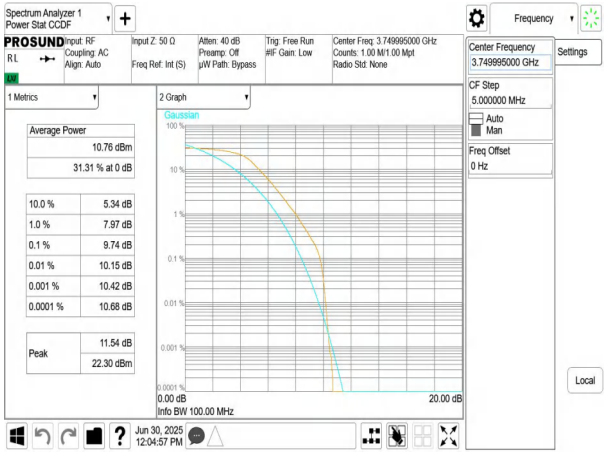
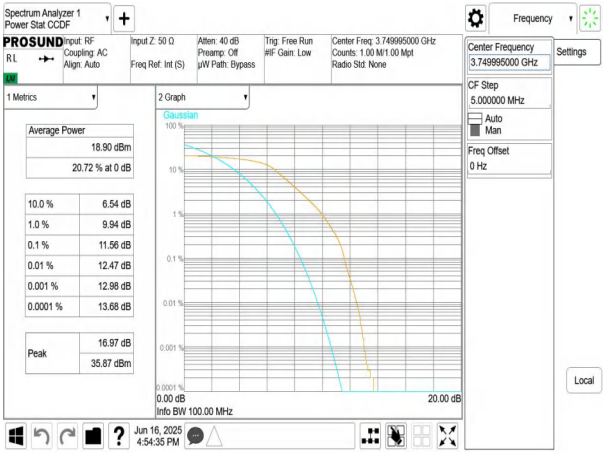


NTNV-n77(3700-3980)-PC3-30-100-L-DFT-BPSK-Outer_Full-PASS

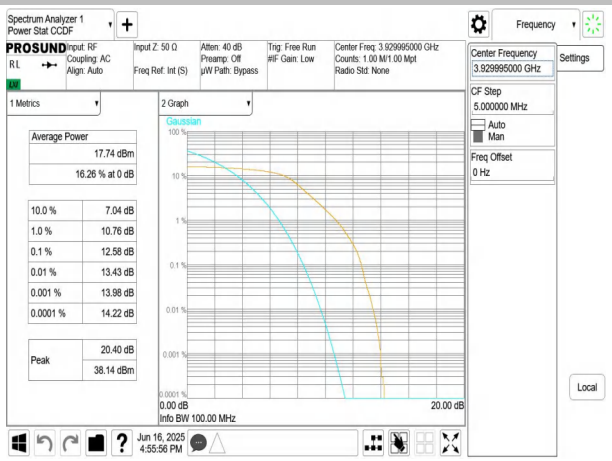


NTNV-n77(3700-3980)-PC3-30-100-L-DFT-QPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-100-M-DFT-BPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-100-M-DFT-QPSK-Outer_Full-PASS

NTNV-n77(3700-3980)-PC3-30-100-H-DFT-BPSK-Outer_Full-PASS



NTNV-n77(3700-3980)-PC3-30-100-H-DFT-QPSK-Outer_Full-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% OBW (MHz)	26dB BW (MHz)	Verdict
n77(3700-3980)	30	10	DFT-BPSK	L	Outer_Full	8.581	9.640	PASS
n77(3700-3980)	30	10	DFT-QPSK	L	Outer_Full	8.62	9.460	PASS
n77(3700-3980)	30	10	DFT-16QAM	L	Outer_Full	8.542	9.740	PASS
n77(3700-3980)	30	10	DFT-64QAM	L	Outer_Full	8.589	9.460	PASS
n77(3700-3980)	30	10	DFT-256QAM	L	Outer_Full	8.606	9.620	PASS
n77(3700-3980)	30	10	DFT-BPSK	M	Outer_Full	8.616	9.640	PASS
n77(3700-3980)	30	10	DFT-QPSK	M	Outer_Full	8.617	9.500	PASS
n77(3700-3980)	30	10	DFT-16QAM	M	Outer_Full	8.604	9.240	PASS
n77(3700-3980)	30	10	DFT-64QAM	M	Outer_Full	8.573	9.560	PASS
n77(3700-3980)	30	10	DFT-256QAM	M	Outer_Full	8.575	9.660	PASS
n77(3700-3980)	30	10	DFT-BPSK	H	Outer_Full	8.63	9.560	PASS
n77(3700-3980)	30	10	DFT-QPSK	H	Outer_Full	8.598	9.500	PASS
n77(3700-3980)	30	10	DFT-16QAM	H	Outer_Full	8.596	9.560	PASS
n77(3700-3980)	30	10	DFT-64QAM	H	Outer_Full	8.614	9.500	PASS
n77(3700-3980)	30	10	DFT-256QAM	H	Outer_Full	8.568	9.460	PASS
n77(3700-3980)	30	15	DFT-BPSK	L	Outer_Full	12.894	14.220	PASS
n77(3700-3980)	30	15	DFT-QPSK	L	Outer_Full	12.866	14.160	PASS
n77(3700-3980)	30	15	DFT-16QAM	L	Outer_Full	12.869	14.250	PASS
n77(3700-3980)	30	15	DFT-64QAM	L	Outer_Full	12.926	14.070	PASS
n77(3700-3980)	30	15	DFT-256QAM	L	Outer_Full	12.832	13.920	PASS
n77(3700-3980)	30	15	DFT-BPSK	M	Outer_Full	12.851	14.130	PASS
n77(3700-3980)	30	15	DFT-QPSK	M	Outer_Full	12.876	14.220	PASS
n77(3700-3980)	30	15	DFT-16QAM	M	Outer_Full	12.872	14.190	PASS
n77(3700-3980)	30	15	DFT-64QAM	M	Outer_Full	12.893	14.070	PASS
n77(3700-3980)	30	15	DFT-256QAM	M	Outer_Full	12.809	14.250	PASS
n77(3700-3980)	30	15	DFT-BPSK	H	Outer_Full	12.858	14.310	PASS
n77(3700-3980)	30	15	DFT-QPSK	H	Outer_Full	12.864	14.130	PASS
n77(3700-3980)	30	15	DFT-16QAM	H	Outer_Full	12.879	14.280	PASS
n77(3700-3980)	30	15	DFT-64QAM	H	Outer_Full	12.922	14.250	PASS
n77(3700-3980)	30	15	DFT-256QAM	H	Outer_Full	12.864	14.160	PASS
n77(3700-3980)	30	20	DFT-BPSK	L	Outer_Full	17.865	18.960	PASS
n77(3700-3980)	30	20	DFT-QPSK	L	Outer_Full	17.79	18.720	PASS
n77(3700-3980)	30	20	DFT-16QAM	L	Outer_Full	17.797	18.880	PASS
n77(3700-3980)	30	20	DFT-64QAM	L	Outer_Full	17.908	19.280	PASS
n77(3700-3980)	30	20	DFT-256QAM	L	Outer_Full	17.841	18.920	PASS

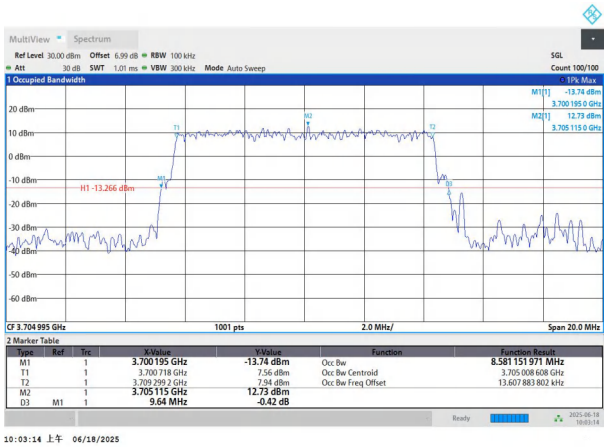
n77(3700-3980)	30	20	DFT-BPSK	M	Outer_Full	17.82	18.920	PASS
n77(3700-3980)	30	20	DFT-QPSK	M	Outer_Full	17.816	18.800	PASS
n77(3700-3980)	30	20	DFT-16QAM	M	Outer_Full	17.817	19.080	PASS
n77(3700-3980)	30	20	DFT-64QAM	M	Outer_Full	17.829	19.160	PASS
n77(3700-3980)	30	20	DFT-256QAM	M	Outer_Full	17.793	19.120	PASS
n77(3700-3980)	30	20	DFT-BPSK	H	Outer_Full	17.852	18.960	PASS
n77(3700-3980)	30	20	DFT-QPSK	H	Outer_Full	17.851	19.120	PASS
n77(3700-3980)	30	20	DFT-16QAM	H	Outer_Full	17.865	18.960	PASS
n77(3700-3980)	30	20	DFT-64QAM	H	Outer_Full	17.86	19.360	PASS
n77(3700-3980)	30	20	DFT-256QAM	H	Outer_Full	17.859	19.120	PASS
n77(3700-3980)	30	30	DFT-BPSK	L	Outer_Full	26.936	28.320	PASS
n77(3700-3980)	30	30	DFT-QPSK	L	Outer_Full	26.743	27.840	PASS
n77(3700-3980)	30	30	DFT-16QAM	L	Outer_Full	26.851	28.380	PASS
n77(3700-3980)	30	30	DFT-64QAM	L	Outer_Full	26.875	28.140	PASS
n77(3700-3980)	30	30	DFT-256QAM	L	Outer_Full	26.872	28.800	PASS
n77(3700-3980)	30	30	DFT-BPSK	M	Outer_Full	26.852	28.440	PASS
n77(3700-3980)	30	30	DFT-QPSK	M	Outer_Full	26.836	28.560	PASS
n77(3700-3980)	30	30	DFT-16QAM	M	Outer_Full	26.818	28.260	PASS
n77(3700-3980)	30	30	DFT-64QAM	M	Outer_Full	26.894	28.320	PASS
n77(3700-3980)	30	30	DFT-256QAM	M	Outer_Full	26.774	28.320	PASS
n77(3700-3980)	30	30	DFT-BPSK	H	Outer_Full	26.911	28.620	PASS
n77(3700-3980)	30	30	DFT-QPSK	H	Outer_Full	26.821	28.200	PASS
n77(3700-3980)	30	30	DFT-16QAM	H	Outer_Full	26.853	28.680	PASS
n77(3700-3980)	30	30	DFT-64QAM	H	Outer_Full	26.831	28.500	PASS
n77(3700-3980)	30	30	DFT-256QAM	H	Outer_Full	26.913	28.680	PASS
n77(3700-3980)	30	40	DFT-BPSK	L	Outer_Full	35.898	37.840	PASS
n77(3700-3980)	30	40	DFT-QPSK	L	Outer_Full	36.017	37.360	PASS
n77(3700-3980)	30	40	DFT-16QAM	L	Outer_Full	35.81	37.920	PASS
n77(3700-3980)	30	40	DFT-64QAM	L	Outer_Full	35.934	37.840	PASS
n77(3700-3980)	30	40	DFT-256QAM	L	Outer_Full	35.834	37.600	PASS
n77(3700-3980)	30	40	DFT-BPSK	M	Outer_Full	35.988	37.760	PASS
n77(3700-3980)	30	40	DFT-QPSK	M	Outer_Full	35.827	37.760	PASS
n77(3700-3980)	30	40	DFT-16QAM	M	Outer_Full	35.851	37.840	PASS
n77(3700-3980)	30	40	DFT-64QAM	M	Outer_Full	35.861	37.680	PASS
n77(3700-3980)	30	40	DFT-256QAM	M	Outer_Full	35.907	38.080	PASS
n77(3700-3980)	30	40	DFT-BPSK	H	Outer_Full	35.884	37.760	PASS
n77(3700-3980)	30	40	DFT-QPSK	H	Outer_Full	35.869	37.200	PASS
n77(3700-3980)	30	40	DFT-16QAM	H	Outer_Full	35.885	37.600	PASS
n77(3700-3980)	30	40	DFT-64QAM	H	Outer_Full	35.963	37.360	PASS
n77(3700-3980)	30	40	DFT-256QAM	H	Outer_Full	35.755	38.080	PASS

n77(3700-3980)	30	50	DFT-BPSK	L	Outer_Full	45.893	47.500	PASS
n77(3700-3980)	30	50	DFT-QPSK	L	Outer_Full	45.803	47.400	PASS
n77(3700-3980)	30	50	DFT-16QAM	L	Outer_Full	45.709	47.600	PASS
n77(3700-3980)	30	50	DFT-64QAM	L	Outer_Full	45.691	47.400	PASS
n77(3700-3980)	30	50	DFT-256QAM	L	Outer_Full	45.711	47.800	PASS
n77(3700-3980)	30	50	DFT-BPSK	M	Outer_Full	45.682	47.400	PASS
n77(3700-3980)	30	50	DFT-QPSK	M	Outer_Full	45.812	47.500	PASS
n77(3700-3980)	30	50	DFT-16QAM	M	Outer_Full	45.686	47.400	PASS
n77(3700-3980)	30	50	DFT-64QAM	M	Outer_Full	45.826	47.500	PASS
n77(3700-3980)	30	50	DFT-256QAM	M	Outer_Full	45.722	47.600	PASS
n77(3700-3980)	30	50	DFT-BPSK	H	Outer_Full	45.808	48.000	PASS
n77(3700-3980)	30	50	DFT-QPSK	H	Outer_Full	45.809	47.800	PASS
n77(3700-3980)	30	50	DFT-16QAM	H	Outer_Full	45.629	47.500	PASS
n77(3700-3980)	30	50	DFT-64QAM	H	Outer_Full	45.831	47.400	PASS
n77(3700-3980)	30	50	DFT-256QAM	H	Outer_Full	45.608	47.400	PASS
n77(3700-3980)	30	60	DFT-BPSK	L	Outer_Full	57.669	59.760	PASS
n77(3700-3980)	30	60	DFT-QPSK	L	Outer_Full	57.736	59.880	PASS
n77(3700-3980)	30	60	DFT-16QAM	L	Outer_Full	57.857	59.640	PASS
n77(3700-3980)	30	60	DFT-64QAM	L	Outer_Full	57.926	59.640	PASS
n77(3700-3980)	30	60	DFT-256QAM	L	Outer_Full	57.78	59.520	PASS
n77(3700-3980)	30	60	DFT-BPSK	M	Outer_Full	58.008	60.000	PASS
n77(3700-3980)	30	60	DFT-QPSK	M	Outer_Full	57.866	59.760	PASS
n77(3700-3980)	30	60	DFT-16QAM	M	Outer_Full	57.834	60.120	PASS
n77(3700-3980)	30	60	DFT-64QAM	M	Outer_Full	57.965	60.000	PASS
n77(3700-3980)	30	60	DFT-256QAM	M	Outer_Full	57.754	60.000	PASS
n77(3700-3980)	30	60	DFT-BPSK	H	Outer_Full	57.794	59.760	PASS
n77(3700-3980)	30	60	DFT-QPSK	H	Outer_Full	57.919	59.640	PASS
n77(3700-3980)	30	60	DFT-16QAM	H	Outer_Full	57.84	59.760	PASS
n77(3700-3980)	30	60	DFT-64QAM	H	Outer_Full	57.741	59.760	PASS
n77(3700-3980)	30	60	DFT-256QAM	H	Outer_Full	57.567	59.760	PASS
n77(3700-3980)	30	70	DFT-BPSK	L	Outer_Full	64.504	66.640	PASS
n77(3700-3980)	30	70	DFT-QPSK	L	Outer_Full	64.362	66.780	PASS
n77(3700-3980)	30	70	DFT-16QAM	L	Outer_Full	64.539	66.500	PASS
n77(3700-3980)	30	70	DFT-64QAM	L	Outer_Full	64.353	66.220	PASS
n77(3700-3980)	30	70	DFT-256QAM	L	Outer_Full	64.342	66.220	PASS
n77(3700-3980)	30	70	DFT-BPSK	M	Outer_Full	64.422	66.220	PASS
n77(3700-3980)	30	70	DFT-QPSK	M	Outer_Full	64.46	66.360	PASS
n77(3700-3980)	30	70	DFT-16QAM	M	Outer_Full	64.579	67.060	PASS
n77(3700-3980)	30	70	DFT-64QAM	M	Outer_Full	64.01	67.060	PASS
n77(3700-3980)	30	70	DFT-256QAM	M	Outer_Full	64.434	67.200	PASS

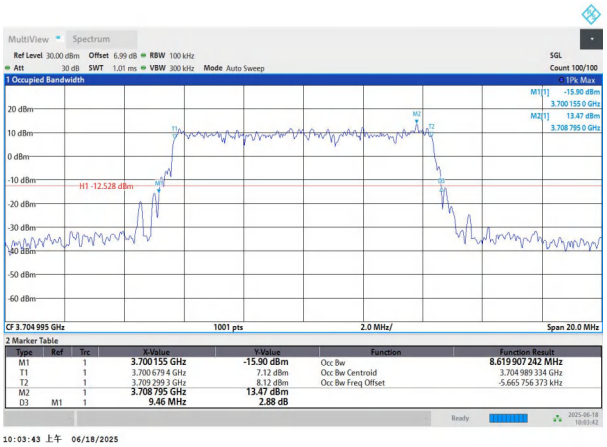
n77(3700-3980)	30	70	DFT-BPSK	H	Outer_Full	64.461	66.640	PASS
n77(3700-3980)	30	70	DFT-QPSK	H	Outer_Full	64.502	66.500	PASS
n77(3700-3980)	30	70	DFT-16QAM	H	Outer_Full	64.483	66.500	PASS
n77(3700-3980)	30	70	DFT-64QAM	H	Outer_Full	64.229	67.060	PASS
n77(3700-3980)	30	70	DFT-256QAM	H	Outer_Full	64.208	66.220	PASS
n77(3700-3980)	30	80	DFT-BPSK	L	Outer_Full	77.255	80.160	PASS
n77(3700-3980)	30	80	DFT-QPSK	L	Outer_Full	76.917	80.320	PASS
n77(3700-3980)	30	80	DFT-16QAM	L	Outer_Full	76.906	80.320	PASS
n77(3700-3980)	30	80	DFT-64QAM	L	Outer_Full	77.344	80.320	PASS
n77(3700-3980)	30	80	DFT-256QAM	L	Outer_Full	77.195	80.320	PASS
n77(3700-3980)	30	80	DFT-BPSK	M	Outer_Full	77.044	80.160	PASS
n77(3700-3980)	30	80	DFT-QPSK	M	Outer_Full	77.276	80.160	PASS
n77(3700-3980)	30	80	DFT-16QAM	M	Outer_Full	76.862	80.160	PASS
n77(3700-3980)	30	80	DFT-64QAM	M	Outer_Full	77.149	80.160	PASS
n77(3700-3980)	30	80	DFT-256QAM	M	Outer_Full	77.228	80.000	PASS
n77(3700-3980)	30	80	DFT-BPSK	H	Outer_Full	77.039	80.320	PASS
n77(3700-3980)	30	80	DFT-QPSK	H	Outer_Full	76.972	80.320	PASS
n77(3700-3980)	30	80	DFT-16QAM	H	Outer_Full	76.954	80.160	PASS
n77(3700-3980)	30	80	DFT-64QAM	H	Outer_Full	76.912	80.480	PASS
n77(3700-3980)	30	80	DFT-256QAM	H	Outer_Full	76.98	80.320	PASS
n77(3700-3980)	30	90	DFT-BPSK	L	Outer_Full	86.569	90.000	PASS
n77(3700-3980)	30	90	DFT-QPSK	L	Outer_Full	86.57	89.820	PASS
n77(3700-3980)	30	90	DFT-16QAM	L	Outer_Full	86.727	89.820	PASS
n77(3700-3980)	30	90	DFT-64QAM	L	Outer_Full	86.811	90.000	PASS
n77(3700-3980)	30	90	DFT-256QAM	L	Outer_Full	86.867	90.000	PASS
n77(3700-3980)	30	90	DFT-BPSK	M	Outer_Full	86.642	90.000	PASS
n77(3700-3980)	30	90	DFT-QPSK	M	Outer_Full	86.569	90.180	PASS
n77(3700-3980)	30	90	DFT-16QAM	M	Outer_Full	86.563	90.000	PASS
n77(3700-3980)	30	90	DFT-64QAM	M	Outer_Full	86.765	90.000	PASS
n77(3700-3980)	30	90	DFT-256QAM	M	Outer_Full	86.991	90.180	PASS
n77(3700-3980)	30	90	DFT-BPSK	H	Outer_Full	86.869	90.180	PASS
n77(3700-3980)	30	90	DFT-QPSK	H	Outer_Full	86.718	90.180	PASS
n77(3700-3980)	30	90	DFT-16QAM	H	Outer_Full	86.429	90.000	PASS
n77(3700-3980)	30	90	DFT-64QAM	H	Outer_Full	86.605	90.180	PASS
n77(3700-3980)	30	90	DFT-256QAM	H	Outer_Full	86.416	90.000	PASS
n77(3700-3980)	30	100	DFT-BPSK	L	Outer_Full	96.414	99.800	PASS
n77(3700-3980)	30	100	DFT-QPSK	L	Outer_Full	96.139	99.800	PASS
n77(3700-3980)	30	100	DFT-16QAM	L	Outer_Full	96.077	99.600	PASS
n77(3700-3980)	30	100	DFT-64QAM	L	Outer_Full	96.092	99.800	PASS
n77(3700-3980)	30	100	DFT-256QAM	L	Outer_Full	96.261	99.800	PASS

n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	96.285	100.200	PASS
n77(3700-3980)	30	100	DFT-QPSK	M	Outer_Full	96.261	99.600	PASS
n77(3700-3980)	30	100	DFT-16QAM	M	Outer_Full	95.963	99.600	PASS
n77(3700-3980)	30	100	DFT-64QAM	M	Outer_Full	96.224	100.000	PASS
n77(3700-3980)	30	100	DFT-256QAM	M	Outer_Full	96.217	99.800	PASS
n77(3700-3980)	30	100	DFT-BPSK	H	Outer_Full	96.275	100.000	PASS
n77(3700-3980)	30	100	DFT-QPSK	H	Outer_Full	95.815	99.800	PASS
n77(3700-3980)	30	100	DFT-16QAM	H	Outer_Full	95.837	99.800	PASS
n77(3700-3980)	30	100	DFT-64QAM	H	Outer_Full	96.048	99.800	PASS
n77(3700-3980)	30	100	DFT-256QAM	H	Outer_Full	96.068	99.600	PASS

Test Graphs



NTNV-n77(3700-3980)-PC3-30-10-L-DFT-BPSK-Outer_Full-Ant1-PASS



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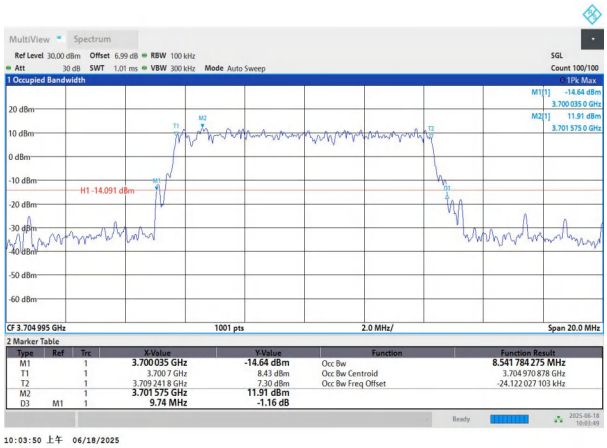

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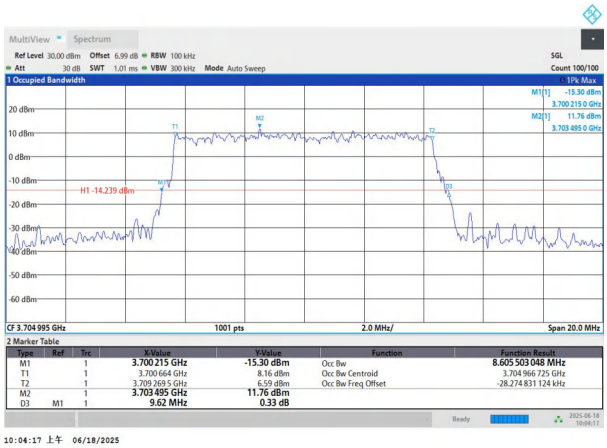

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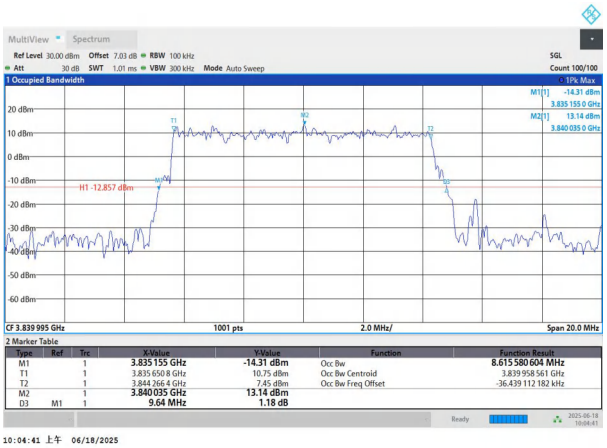

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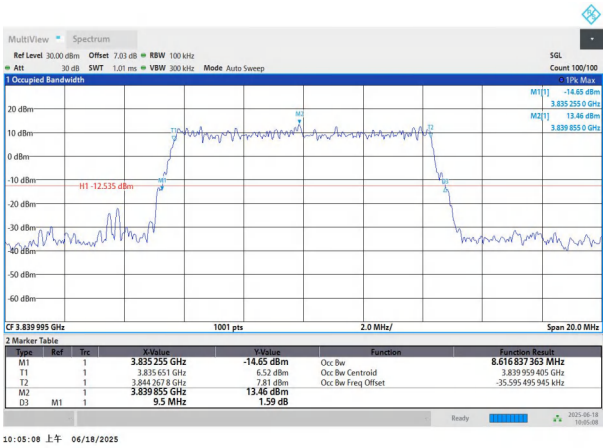

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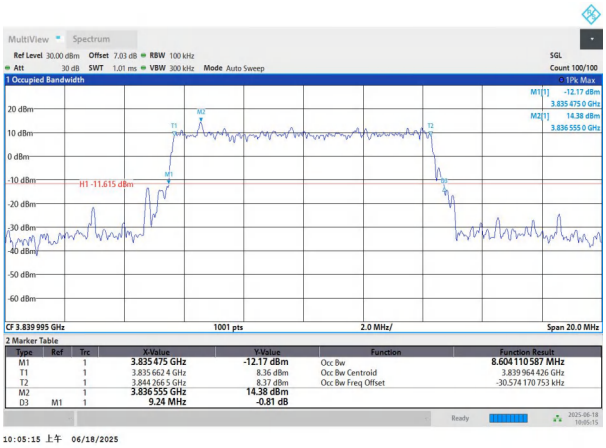

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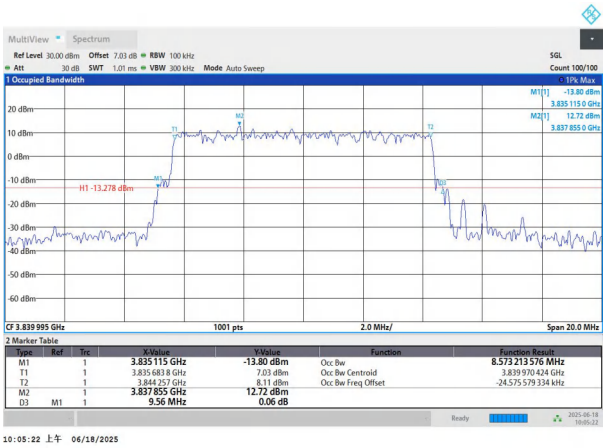

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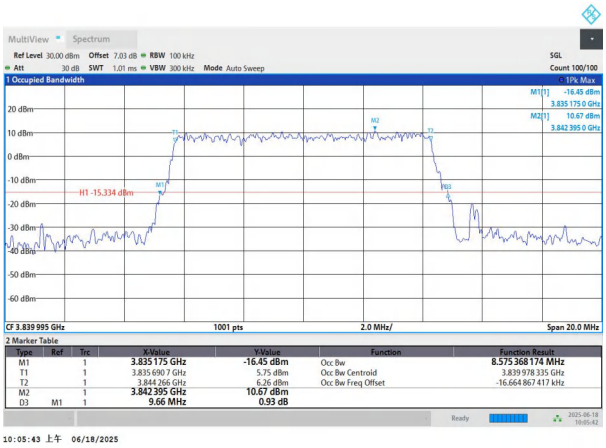

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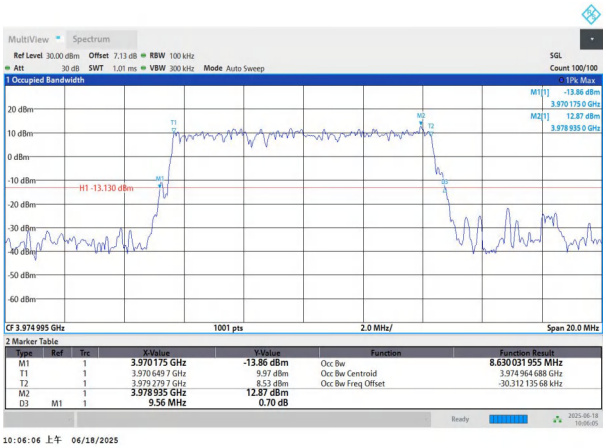

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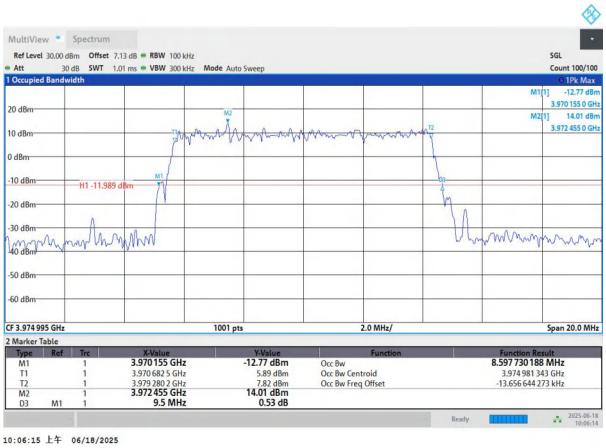

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