

# Appendix B.28

## NR Band n77(3700-3980)



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

#### ANT5

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	26.81	27.81	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	25.86	26.86	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	26.45	27.45	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	25.59	26.59	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	26.36	27.36	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	25.30	26.30	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	26.99	27.99	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	25.92	26.92	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	26.70	27.70	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	25.62	26.62	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	26.40	27.40	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	25.49	26.49	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	27.25	28.25	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	26.11	27.11	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	26.76	27.76	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	25.78	26.78	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	26.51	27.51	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	25.54	26.54	30.00	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Inner_1RB_Left	26.94	27.94	30.00	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Inner_1RB_Left	26.12	27.12	30.00	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Inner_1RB_Left	26.65	27.65	30.00	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Inner_1RB_Left	25.59	26.59	30.00	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Inner_1RB_Left	26.55	27.55	30.00	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Inner_1RB_Left	25.36	26.36	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Left	26.87	27.87	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Left	25.91	26.91	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Left	26.70	27.70	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Left	25.77	26.77	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Left	26.44	27.44	30.00	PASS



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t (86-512) 62992980 www.sgs.com.cn  
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N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Left	25.35	26.35	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	27.00	28.00	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	26.13	27.13	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	26.89	27.89	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	25.88	26.88	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.43	27.43	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	25.59	26.59	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	26.89	27.89	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	25.85	26.85	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	26.65	27.65	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	25.63	26.63	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	26.21	27.21	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	25.18	26.18	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.80	27.80	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.81	26.81	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	26.45	27.45	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	25.68	26.68	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	26.36	27.36	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	25.30	26.30	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	26.60	27.60	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	25.66	26.66	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	26.44	27.44	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	25.53	26.53	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	26.13	27.13	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	25.15	26.15	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.56	27.56	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.58	26.58	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	26.31	27.31	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	25.42	26.42	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.86	26.86	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.97	25.97	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	26.48	27.48	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.63	26.63	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	26.25	27.25	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	25.27	26.27	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.78	26.78	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.79	25.79	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.60	27.60	30.00	PASS



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N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.92	27.92	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	26.27	27.27	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	26.50	27.50	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	26.89	27.89	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	25.85	26.85	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	25.50	26.50	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	26.05	27.05	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	24.66	25.66	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	24.06	25.06	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	24.36	25.36	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	24.35	25.35	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	21.83	22.83	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	22.28	23.28	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	22.24	23.24	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	27.25	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.16	27.16	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	25.80	26.80	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	26.19	27.19	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	26.18	27.18	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	25.42	26.42	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	25.25	26.25	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	25.29	26.29	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	24.28	25.28	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	23.69	24.69	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	23.70	24.70	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	23.86	24.86	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	21.51	22.51	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	21.51	22.51	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	21.78	22.78	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.64	26.64	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.35	27.35	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	25.70	26.70	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	25.65	26.65	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	26.42	27.42	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	25.08	26.08	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	24.76	25.76	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	25.45	26.45	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	24.08	25.08	30.00	PASS



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N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	23.25	24.25	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	23.79	24.79	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	23.55	24.55	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	21.10	22.10	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	21.56	22.56	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	21.53	22.53	30.00	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	9.89	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	10.05	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	9.79	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	9.64	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	9.20	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	9.99	≤13	PASS



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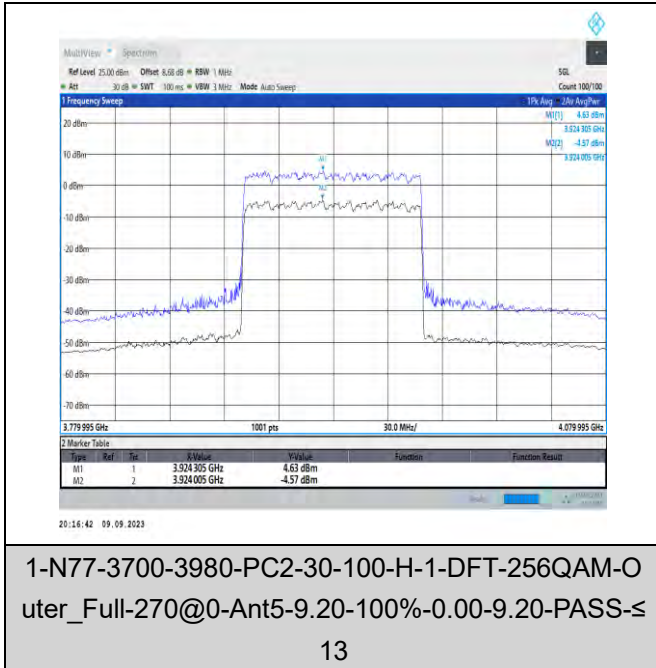
Test Graphs

<p>1-N77-3700-3980-PC2-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant5-9.89-100%-0.00-9.89-PASS-≤13</p>	<p>1-N77-3700-3980-PC2-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant5-10.05-100%-0.00-10.05-PASS-≤13</p>
<p>1-N77-3700-3980-PC2-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant5-9.79-100%-0.00-9.79-PASS-≤13</p>	<p>1-N77-3700-3980-PC2-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant5-9.64-100%-0.00-9.64-PASS-≤13</p>



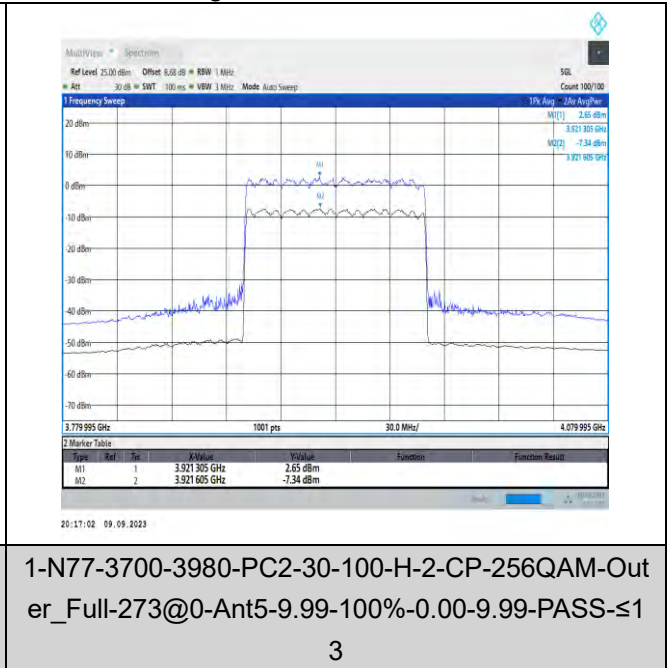
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1-N77-3700-3980-PC2-30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant5-9.20-100%-0.00-9.20-PASS-≤

13



1-N77-3700-3980-PC2-30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant5-9.99-100%-0.00-9.99-PASS-≤1

3



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## 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-QPSK	M	Outer_Full	8.541	9.160	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.564	9.220	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.605	9.200	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.595	9.000	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.569	9.220	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.579	9.900	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.578	8.980	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.604	9.160	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.558	9.080	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.851	13.560	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.846	13.620	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.914	13.470	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.833	13.830	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.884	13.740	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.607	14.370	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.582	14.280	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.557	14.460	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.625	14.400	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.762	18.640	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.826	18.520	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.813	18.760	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.737	18.520	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.8	18.640	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.177	19.120	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.109	19.040	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.235	19.200	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.268	18.920	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	22.847	23.950	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	M	Outer_Full	22.902	24.150	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Outer_Full	22.794	23.800	PASS



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N77-3700-3980	30	25	DFT-64QAM	M	Outer_Full	22.878	23.750	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Outer_Full	22.857	23.850	PASS
N77-3700-3980	30	25	CP-QPSK	M	Outer_Full	23.243	24.250	PASS
N77-3700-3980	30	25	CP-16QAM	M	Outer_Full	23.255	24.200	PASS
N77-3700-3980	30	25	CP-64QAM	M	Outer_Full	23.225	24.300	PASS
N77-3700-3980	30	25	CP-256QAM	M	Outer_Full	23.064	24.100	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.745	27.900	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.824	28.020	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.726	28.020	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.859	27.780	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.797	28.020	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.737	29.040	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.898	28.980	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.753	28.860	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.852	29.100	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.761	37.520	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.674	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.707	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.853	37.360	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.773	37.200	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.885	40.080	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.848	39.440	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.841	39.440	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.824	39.520	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.428	47.500	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.658	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.699	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.574	47.800	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.703	47.400	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.352	49.500	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.459	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.37	49.200	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.445	49.400	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.662	59.640	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.851	59.880	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.782	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.899	59.640	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.628	59.880	PASS



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N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.617	59.640	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.752	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.621	59.640	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.928	59.640	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.234	67.900	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.309	66.220	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.162	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.107	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.189	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.357	69.580	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.516	76.720	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.404	69.580	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.517	69.440	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.177	81.760	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.1	81.120	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.192	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.202	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.027	80.000	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.495	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.405	81.120	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.496	80.800	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.45	80.480	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.478	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.595	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.65	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.765	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.764	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.255	91.800	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.347	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.451	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.406	90.720	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.33	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.34	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.321	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.352	100.200	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.234	100.200	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.182	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.426	100.800	PASS



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N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.317	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.307	100.800	PASS



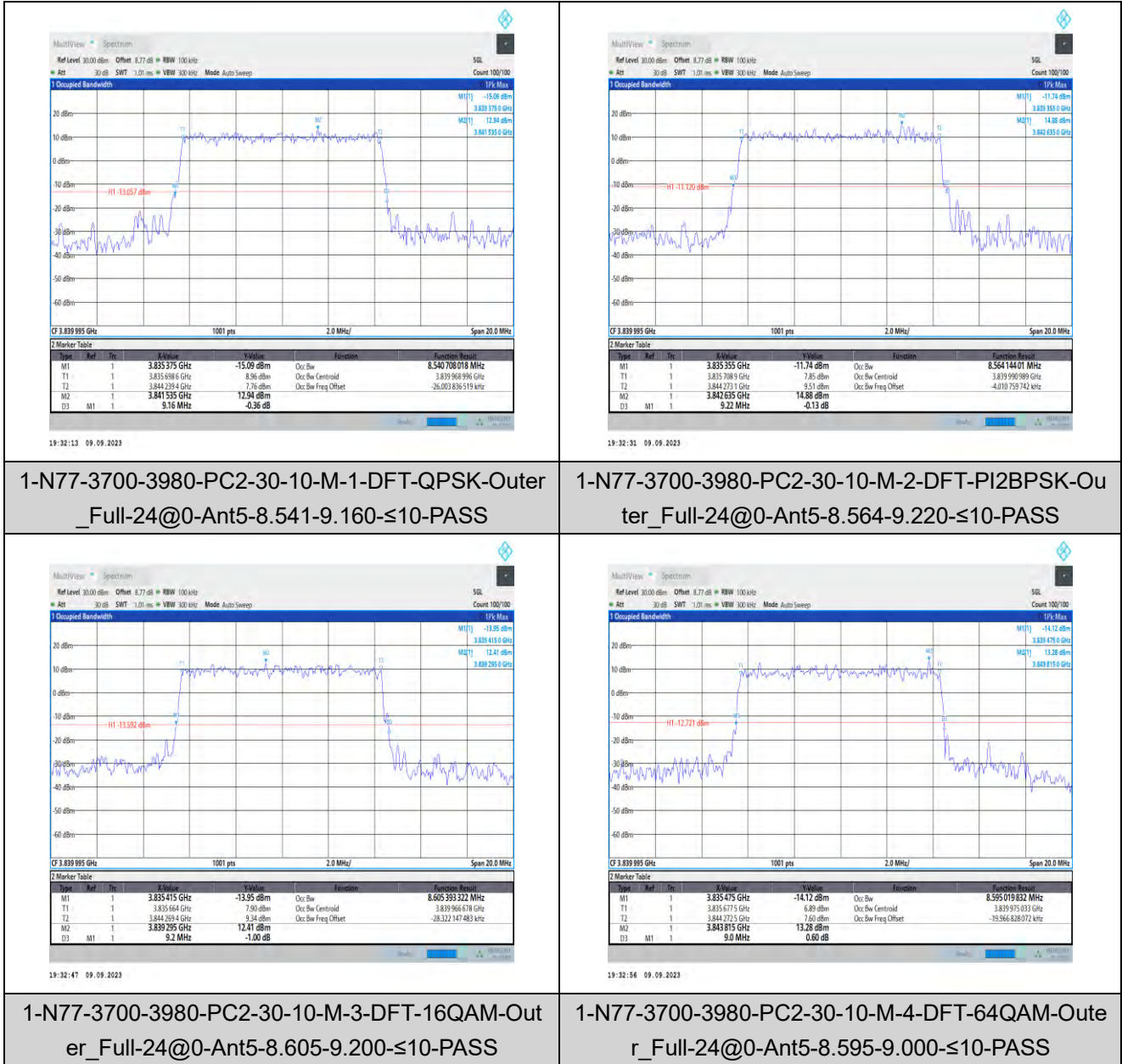
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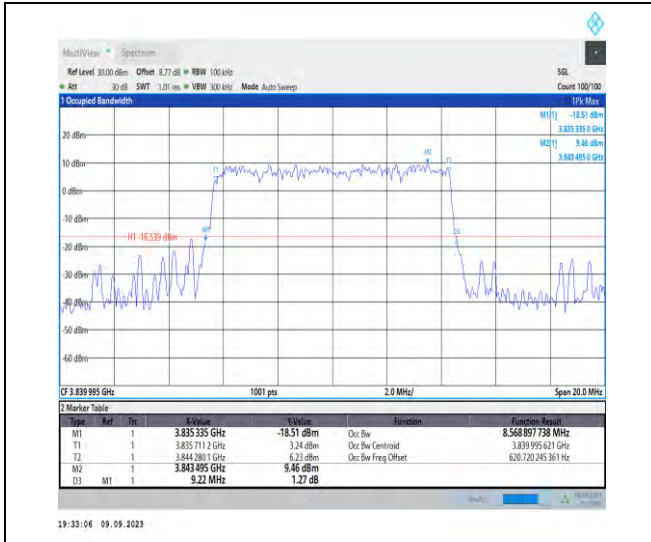
Test Graphs



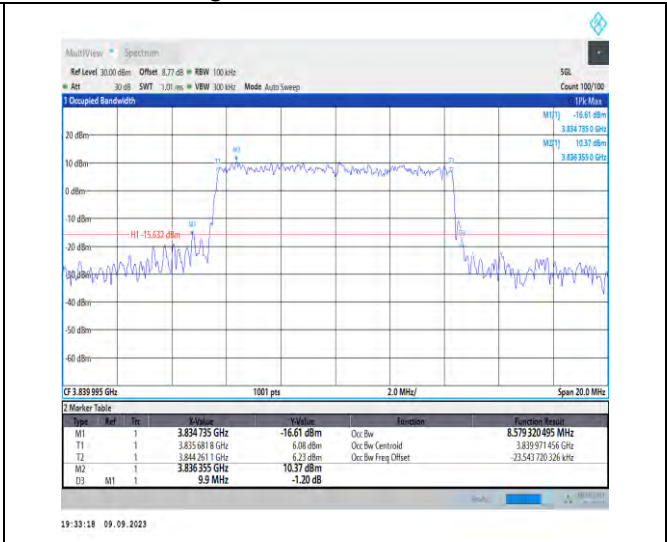
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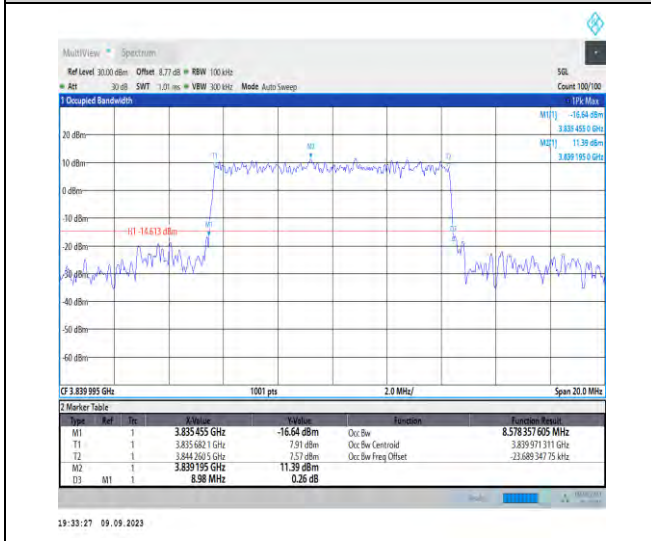
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1-N77-3700-3980-PC2-30-10-M-5-DFT-256QAM-Outer\_Full-24@0-Ant5-8.569-9.220-≤10-PASS



1-N77-3700-3980-PC2-30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant5-8.579-9.900-≤10-PASS



1-N77-3700-3980-PC2-30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant5-8.578-8.980-≤10-PASS



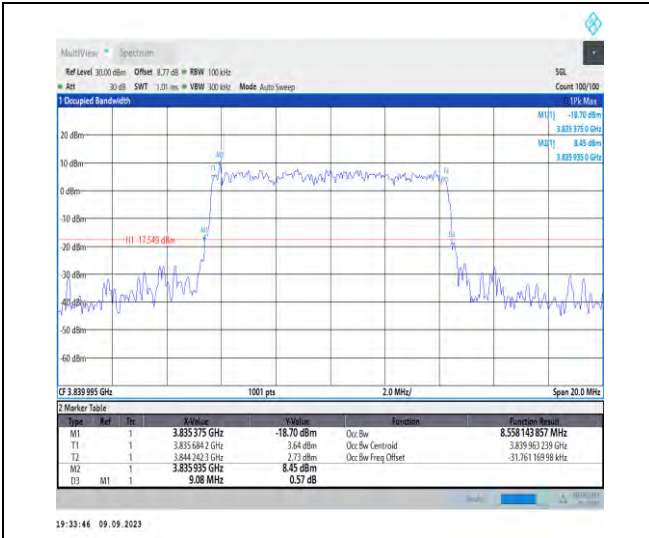
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1-N77-3700-3980-PC2-30-10-M-9-CP-256QAM-Outer\_Full-24@0-Ant5-8.558-9.080-≤10-PASS

1-N77-3700-3980-PC2-30-15-M-1-DFT-QPSK-Outer\_Full-36@0-Ant5-12.851-13.560-≤15-PASS



1-N77-3700-3980-PC2-30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant5-12.846-13.620-≤15-PASS

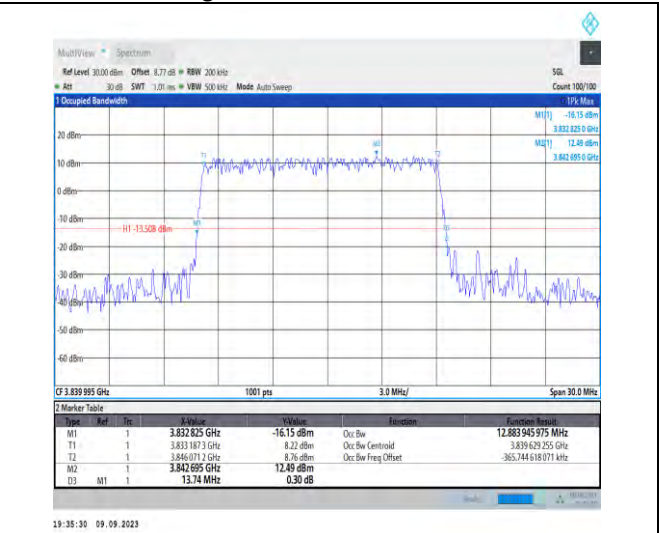
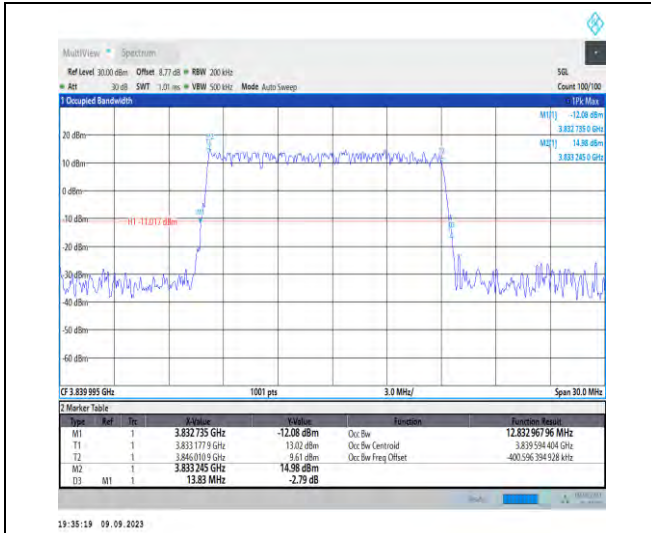
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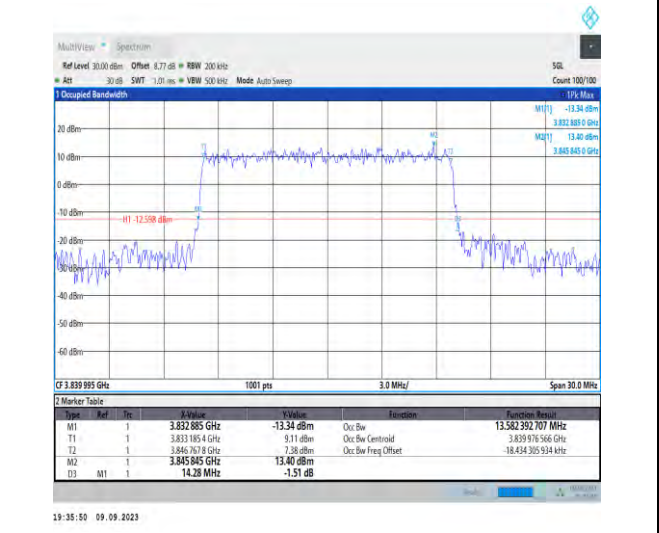
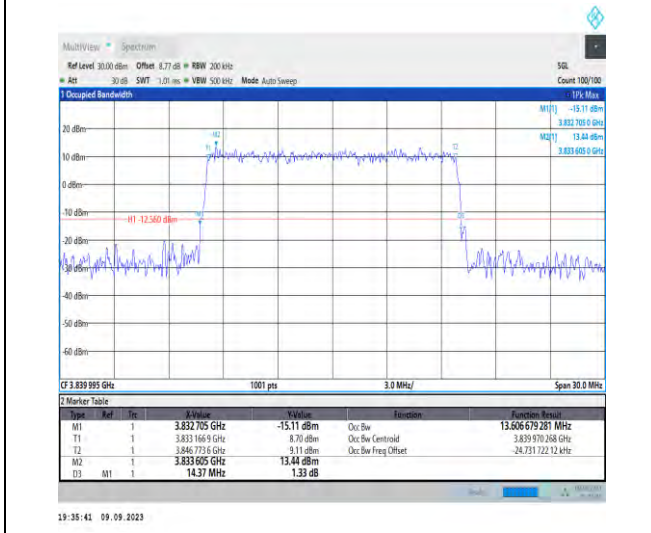
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1-N77-3700-3980-PC2-30-15-M-4-DFT-64QAM-Out\_er\_Full-36@0-Ant5-12.833-13.830-≤15-PASS

1-N77-3700-3980-PC2-30-15-M-5-DFT-256QAM-Out\_er\_Full-36@0-Ant5-12.884-13.740-≤15-PASS



1-N77-3700-3980-PC2-30-15-M-6-CP-QPSK-Outer\_Full-38@0-Ant5-13.607-14.370-≤15-PASS

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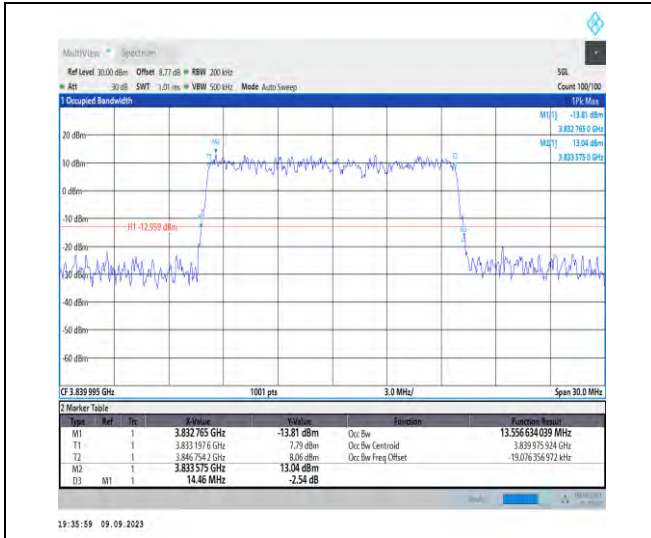


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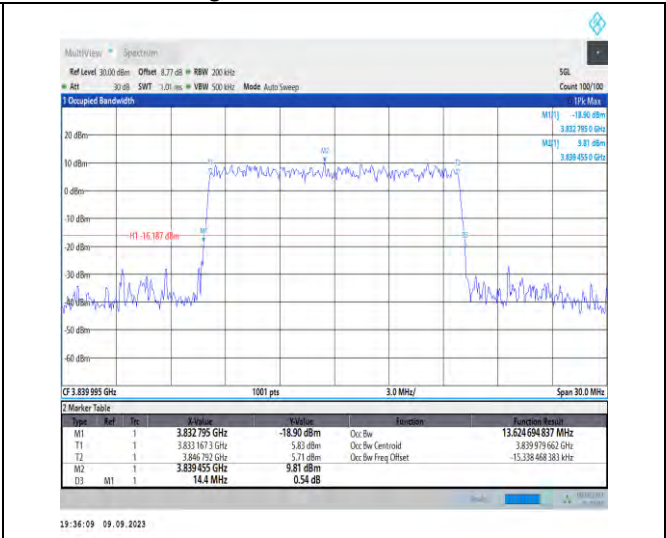
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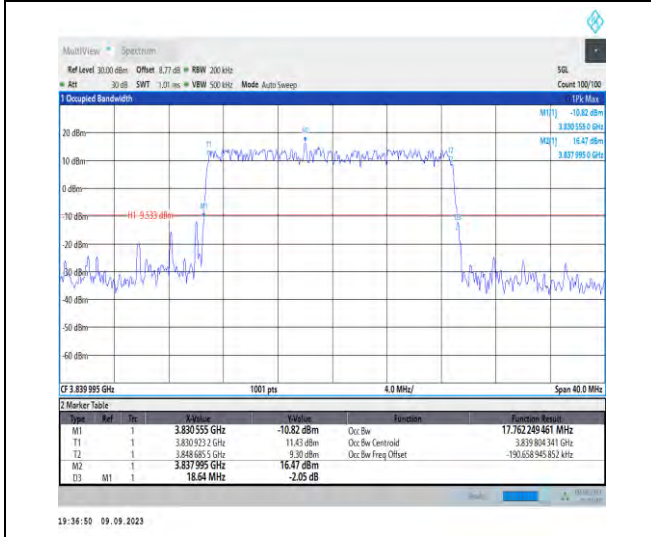




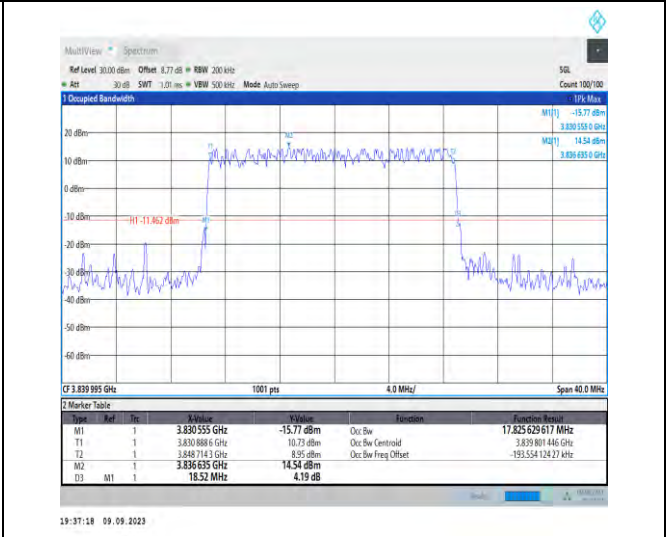
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1-N77-3700-3980-PC2-30-15-M-9-CP-256QAM-Outer\_Full-38@0-Ant5-13.625-14.400-≤15-PASS



1-N77-3700-3980-PC2-30-20-M-1-DFT-QPSK-Outer\_Full-50@0-Ant5-17.762-18.640-≤20-PASS



1-N77-3700-3980-PC2-30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant5-17.826-18.520-≤20-PASS

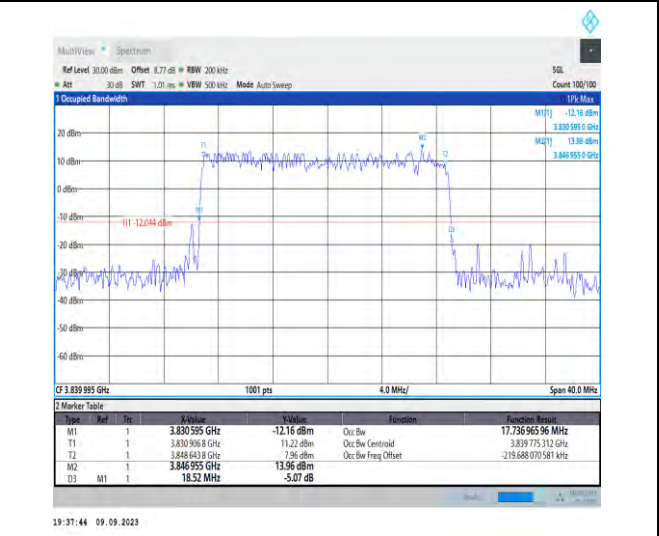
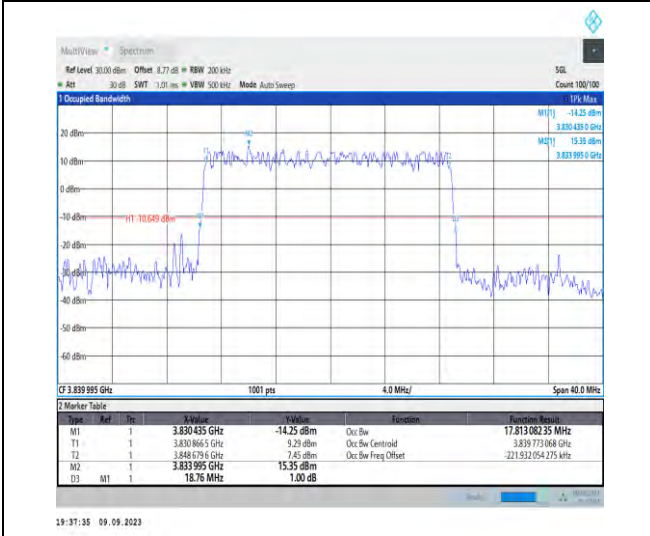


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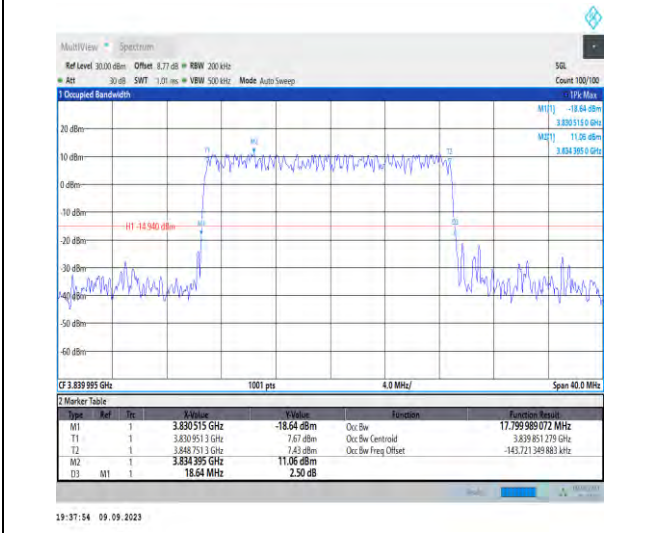
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1-N77-3700-3980-PC2-30-20-M-3-DFT-16QAM-Out\_er\_Full-50@0-Ant5-17.813-18.760-≤20-PASS

1-N77-3700-3980-PC2-30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant5-17.737-18.520-≤20-PASS



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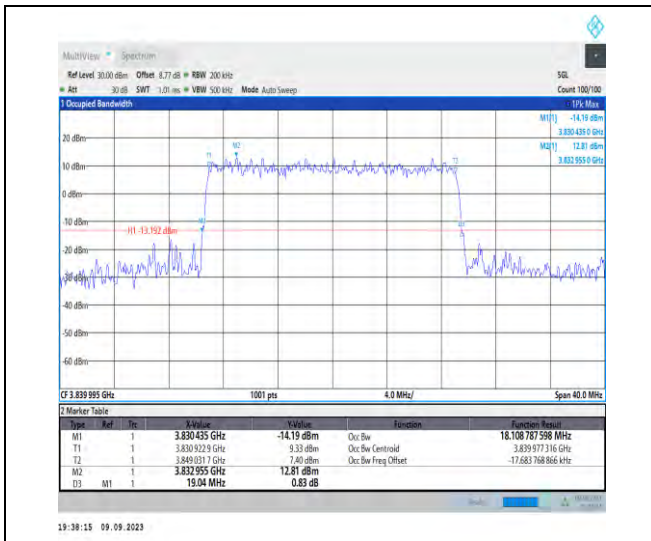
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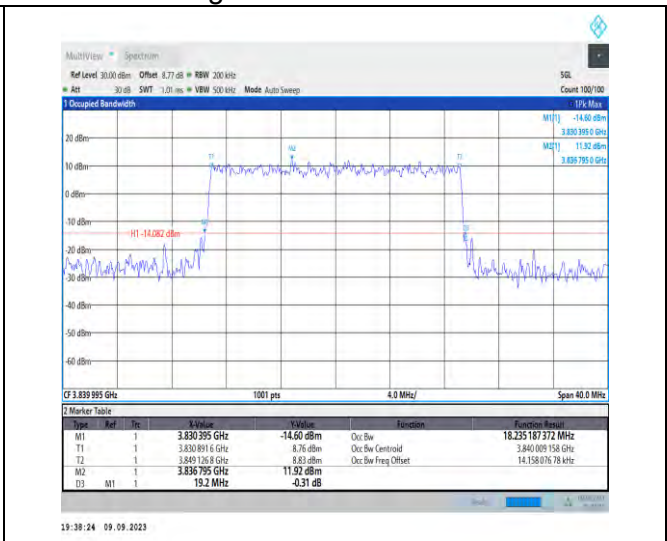
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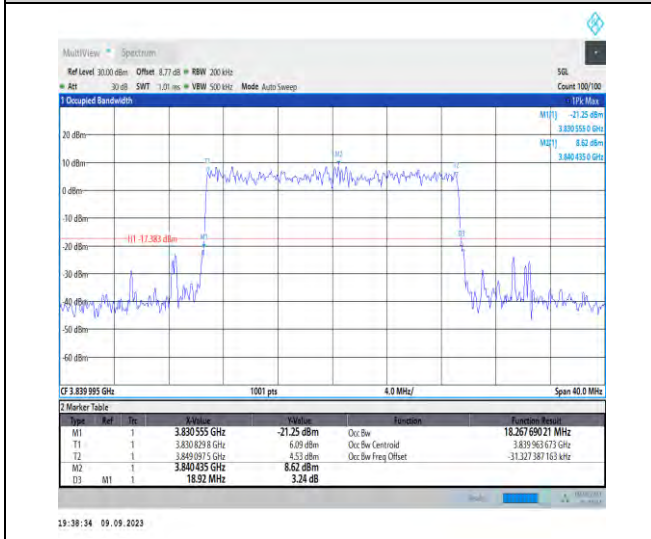
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1-N77-3700-3980-PC2-30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant5-18.109-19.040-≤20-PASS



1-N77-3700-3980-PC2-30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant5-18.235-19.200-≤20-PASS



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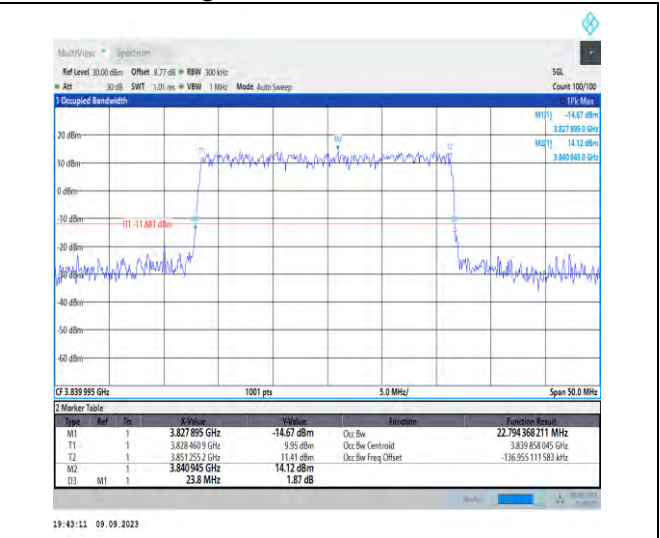
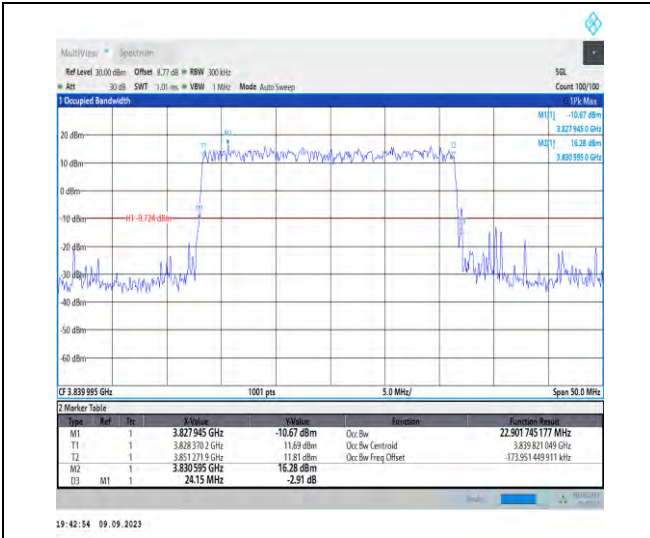
1-N77-3700-3980-PC2-30-25-M-1-DFT-QPSK-Outer\_Full-64@0-Ant5-22.847-23.950-≤25-PASS



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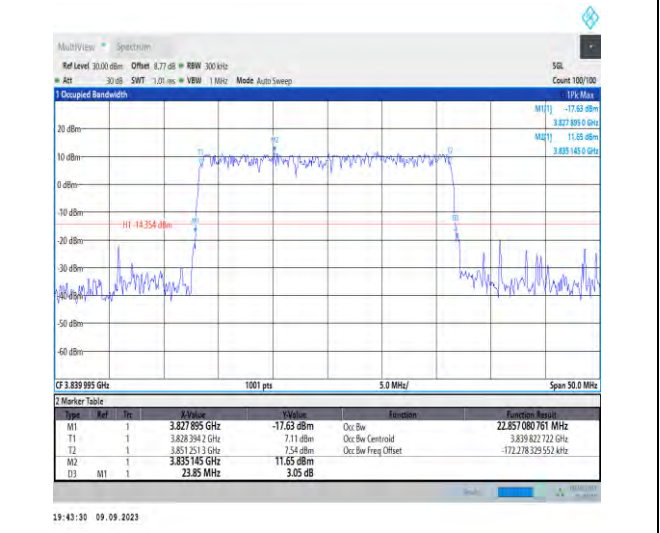
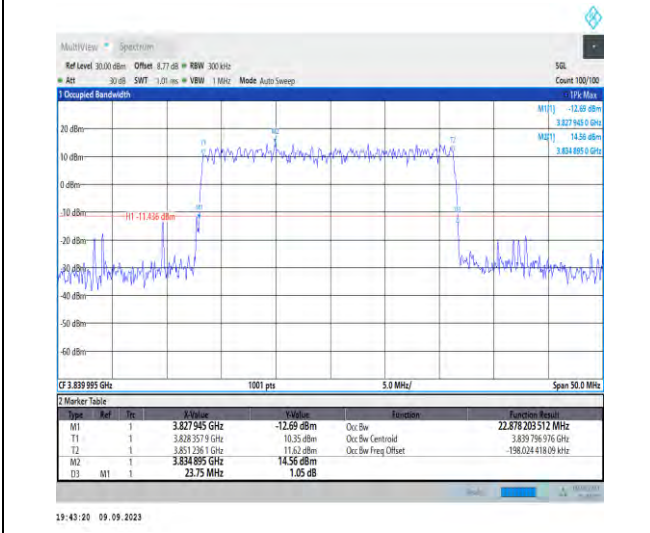
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1-N77-3700-3980-PC2-30-25-M-2-DFT-PI2BPSK-Outer\_Full-64@0-Ant5-22.902-24.150-≤25-PASS

1-N77-3700-3980-PC2-30-25-M-3-DFT-16QAM-Outer\_Full-64@0-Ant5-22.794-23.800-≤25-PASS



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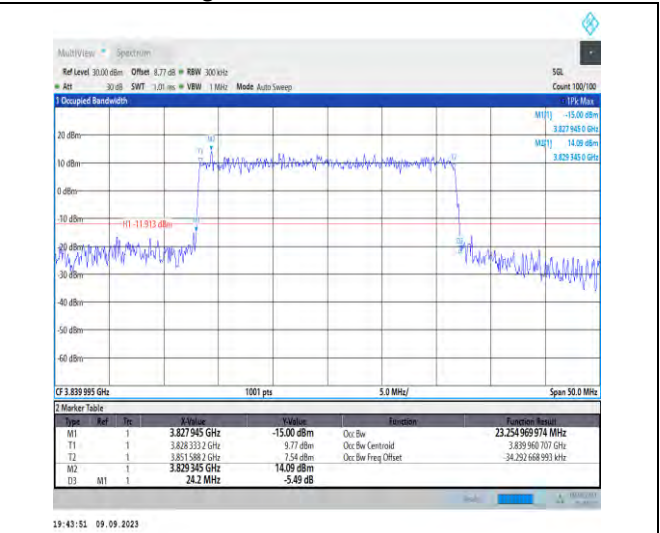
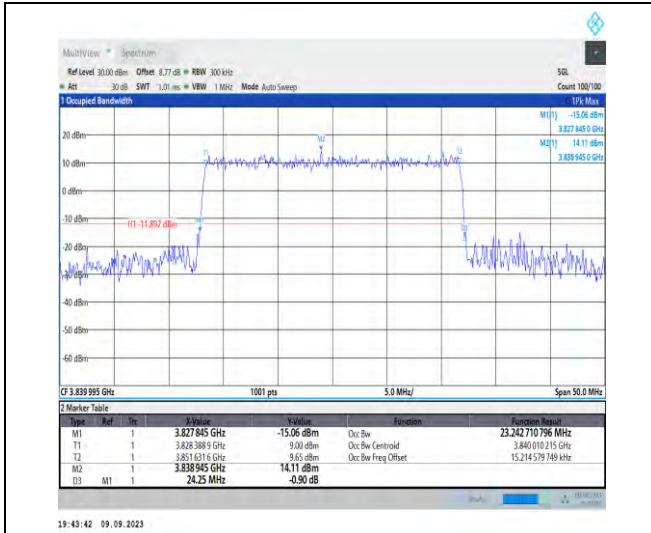
1-N77-3700-3980-PC2-30-25-M-5-DFT-256QAM-Outer\_Full-64@0-Ant5-22.857-23.850-≤25-PASS



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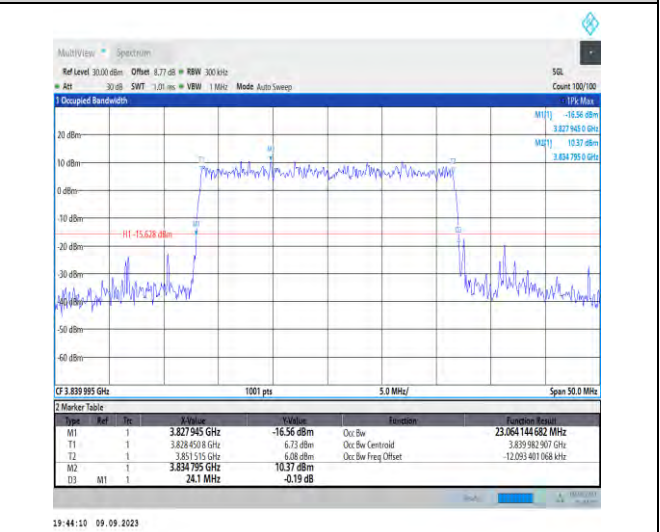
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1-N77-3700-3980-PC2-30-25-M-6-CP-QPSK-Outer\_Full-65@0-Ant5-23.243-24.250-≤25-PASS

1-N77-3700-3980-PC2-30-25-M-7-CP-16QAM-Outer\_Full-65@0-Ant5-23.255-24.200-≤25-PASS



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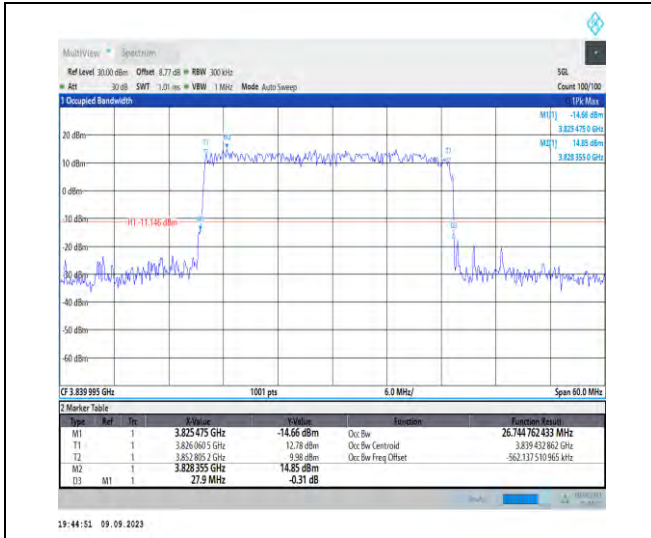
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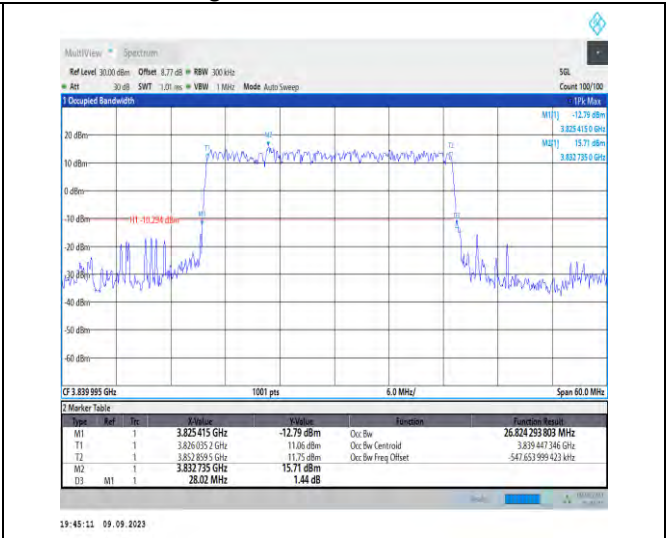
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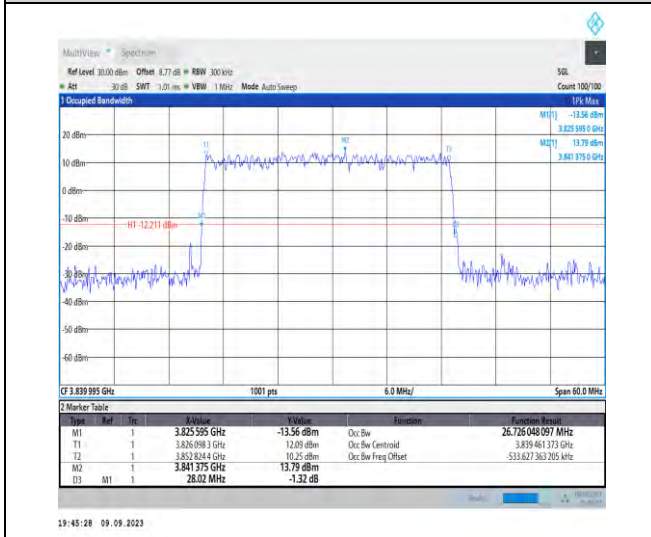
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1-N77-3700-3980-PC2-30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant5-26.745-27.900-≤30-PASS



1-N77-3700-3980-PC2-30-30-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant5-26.824-28.020-≤30-PASS



1-N77-3700-3980-PC2-30-30-M-3-DFT-16QAM-Outer\_Full-75@0-Ant5-26.726-28.020-≤30-PASS



1-N77-3700-3980-PC2-30-30-M-4-DFT-64QAM-Outer\_Full-75@0-Ant5-26.859-27.780-≤30-PASS



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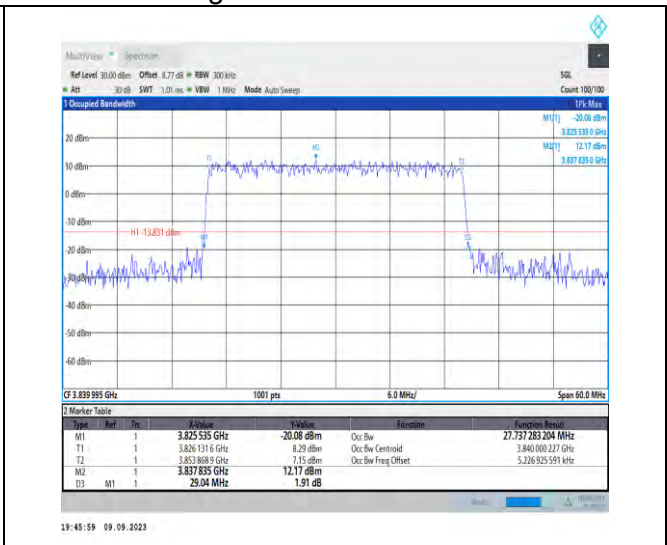
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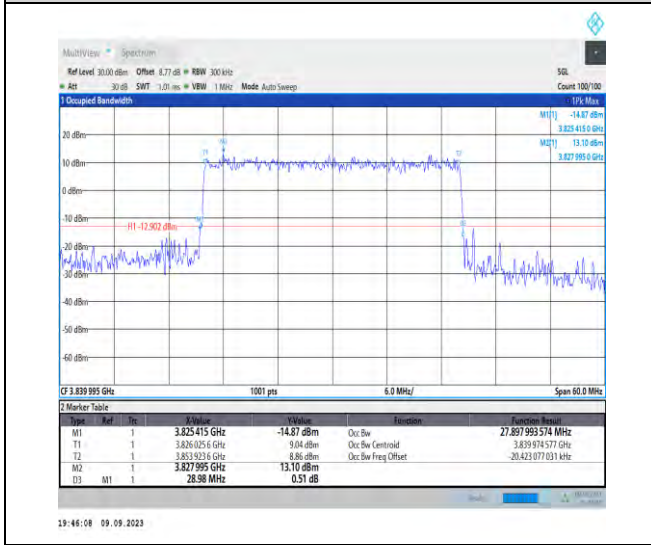
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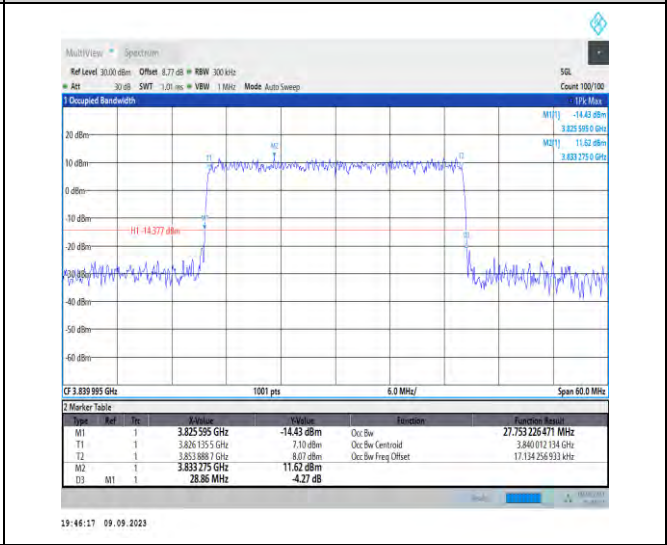
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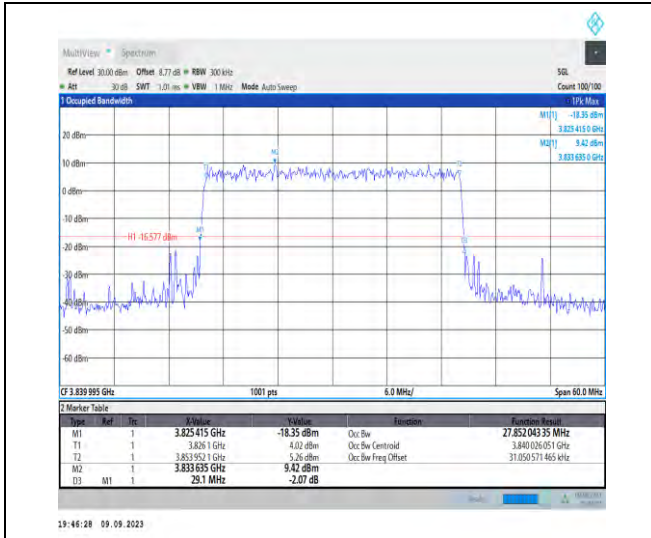
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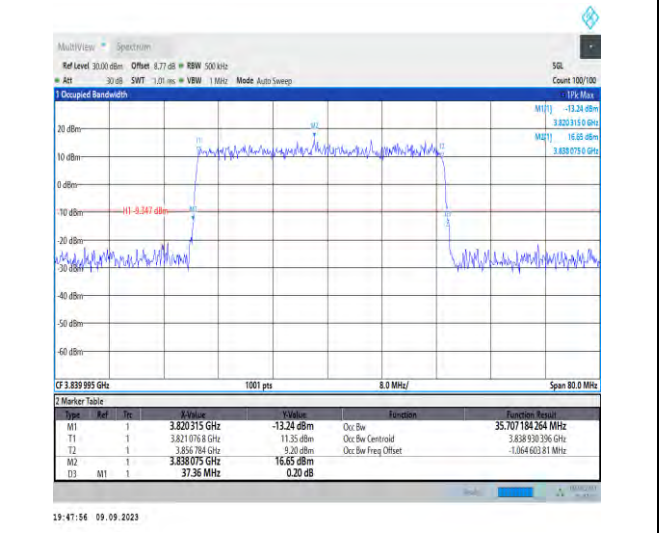
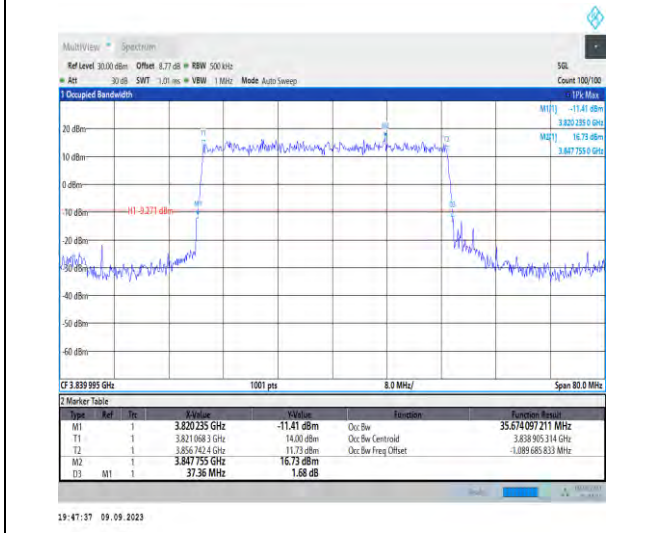
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1-N77-3700-3980-PC2-30-40-M-1-DFT-QPSK-Outer\_Full-100@0-Ant5-35.761-37.520-≤40-PASS



1-N77-3700-3980-PC2-30-40-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant5-35.674-37.360-≤40-PASS

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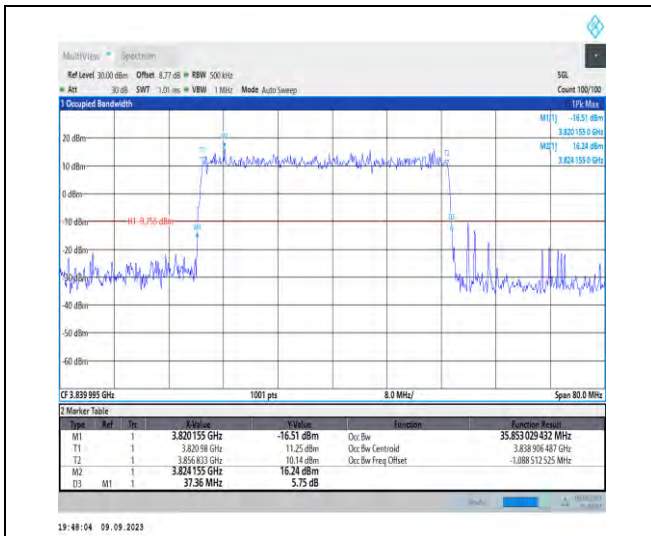


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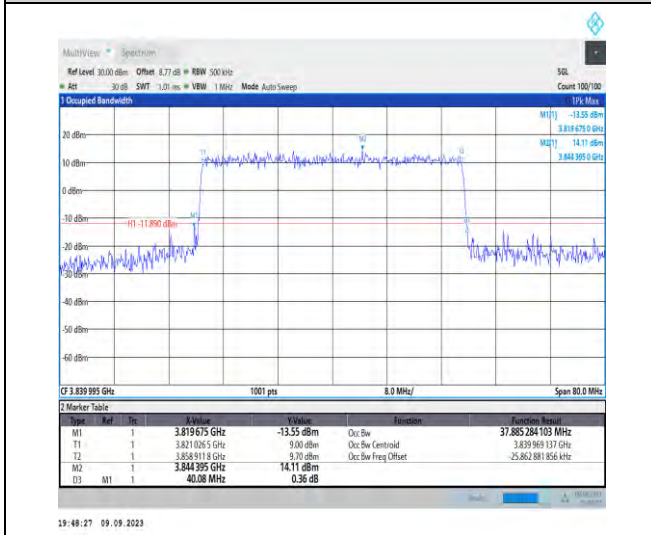




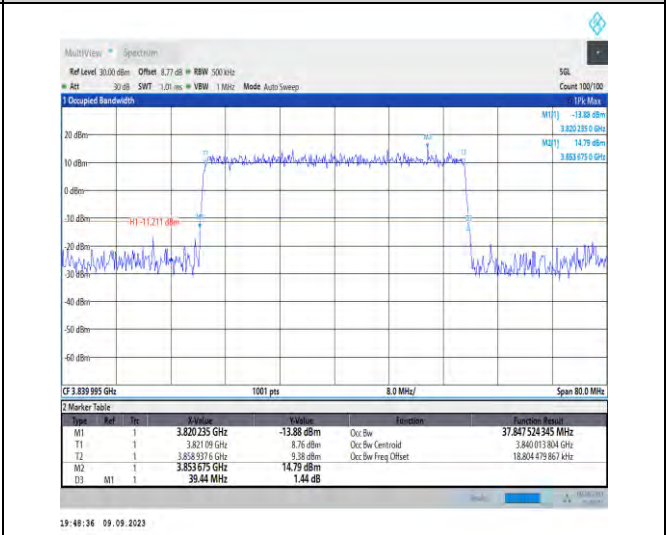
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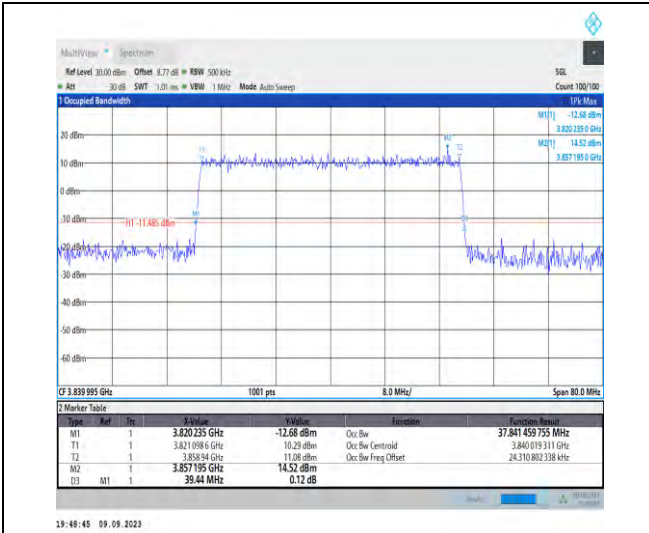
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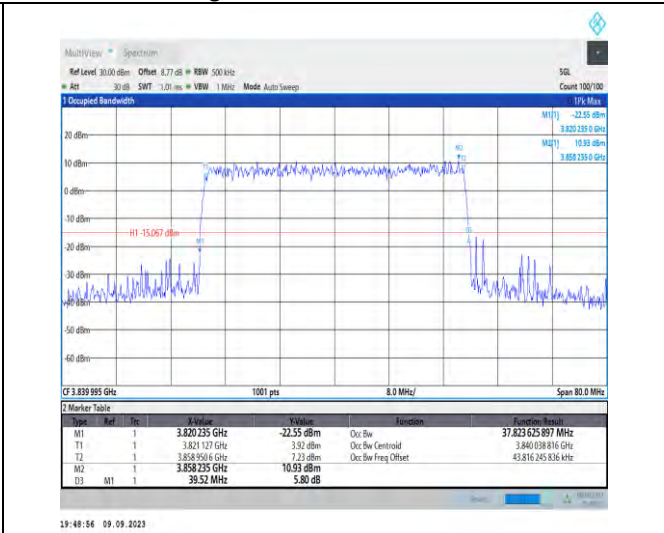
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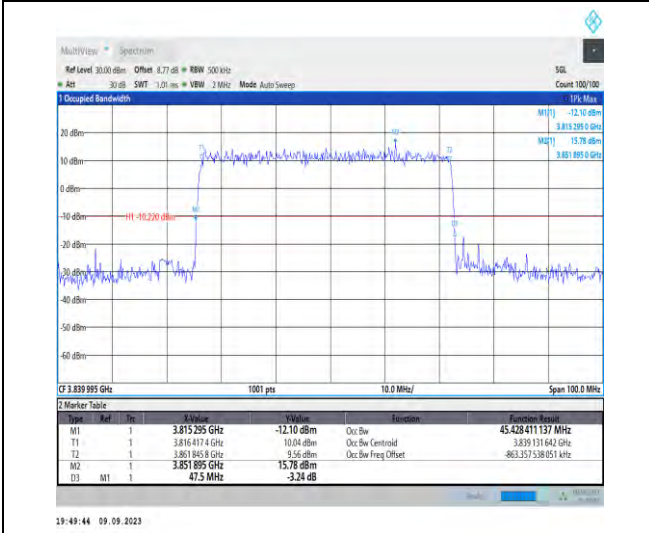
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1-N77-3700-3980-PC2-30-40-M-8-CP-64QAM-Outer\_Full-106@0-Ant5-37.841-39.440-≤40-PASS



1-N77-3700-3980-PC2-30-40-M-9-CP-256QAM-Outer\_Full-106@0-Ant5-37.824-39.520-≤40-PASS



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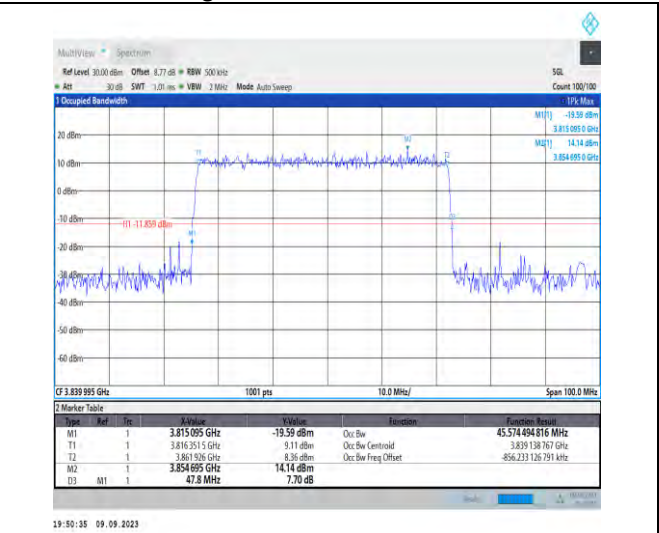
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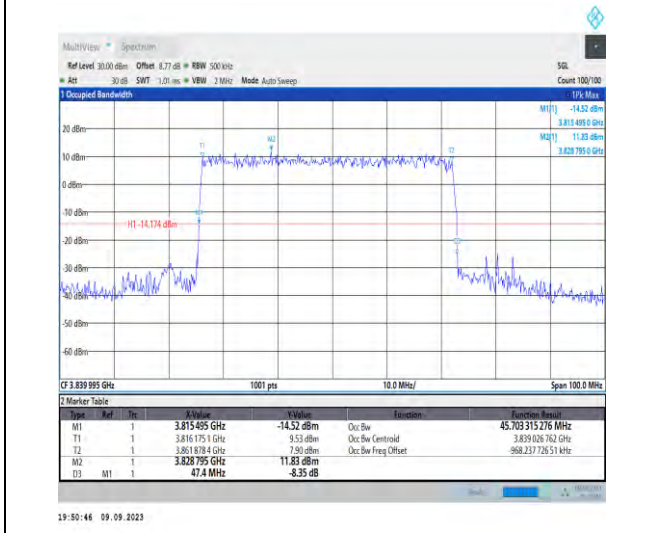
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1-N77-3700-3980-PC2-30-50-M-3-DFT-16QAM-Out\_er\_Full-128@0-Ant5-45.699-47.400-≤50-PASS

1-N77-3700-3980-PC2-30-50-M-4-DFT-64QAM-Outer\_Full-128@0-Ant5-45.574-47.800-≤50-PASS



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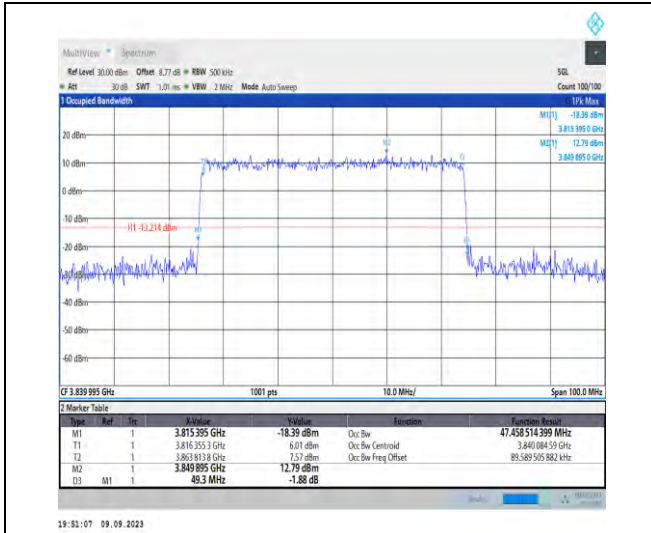
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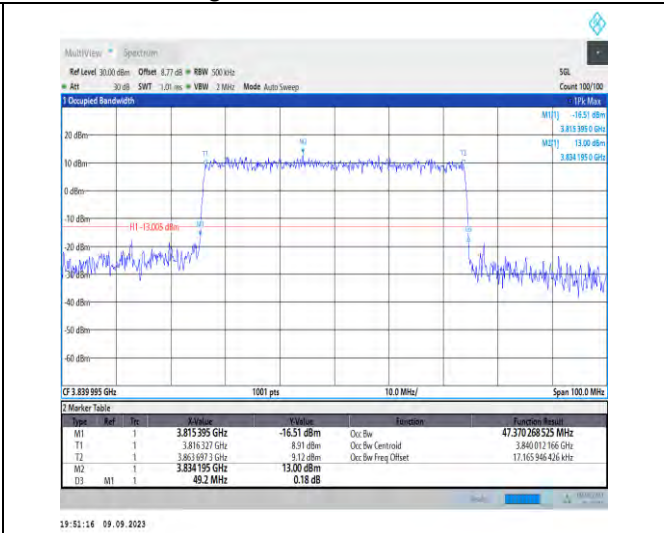
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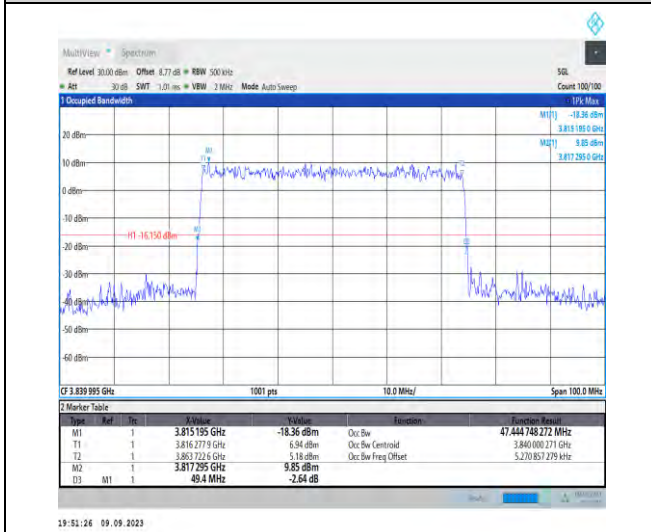
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1-N77-3700-3980-PC2-30-50-M-7-CP-16QAM-Outer\_Full-133@0-Ant5-47.459-49.300-≤50-PASS



1-N77-3700-3980-PC2-30-50-M-8-CP-64QAM-Outer\_Full-133@0-Ant5-47.37-49.200-≤50-PASS



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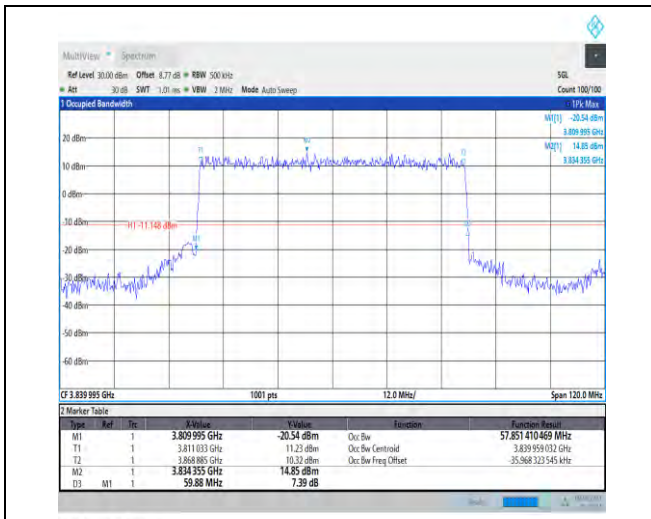
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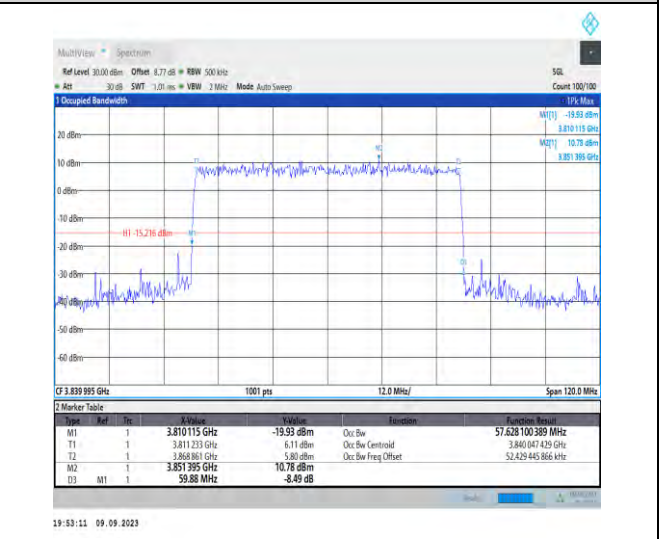
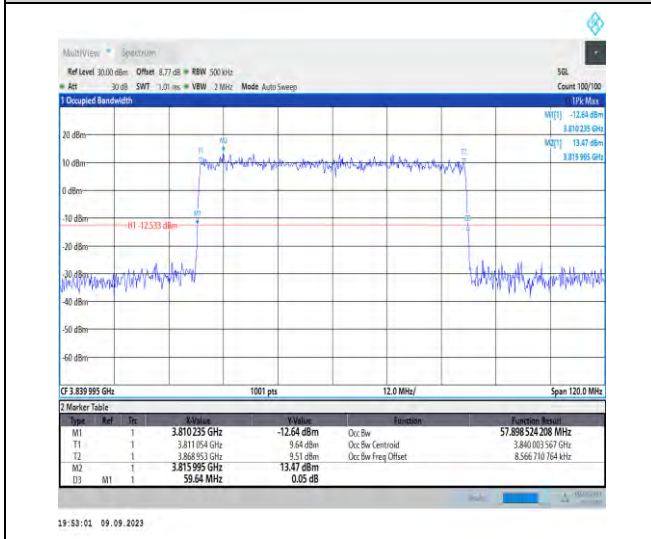
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1-N77-3700-3980-PC2-30-60-M-3-DFT-16QAM-Outer\_Full-162@0-Ant5-57.782-59.760-≤60-PASS



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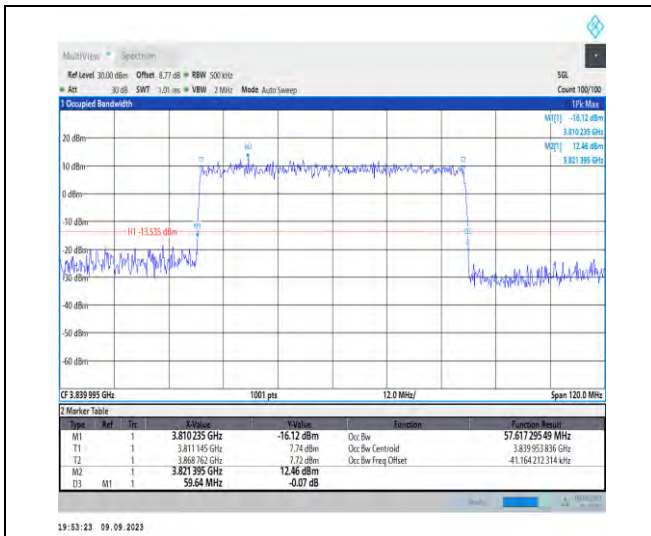
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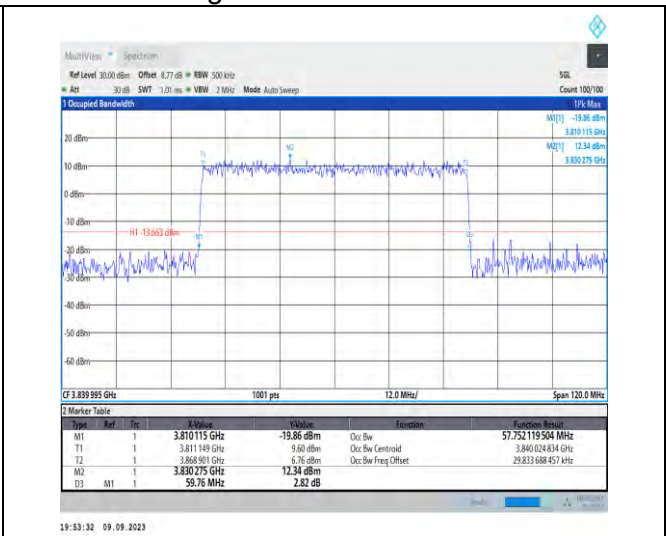
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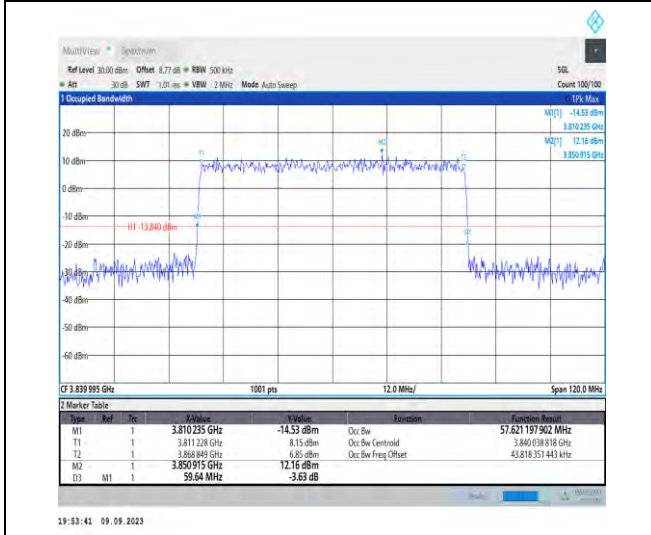
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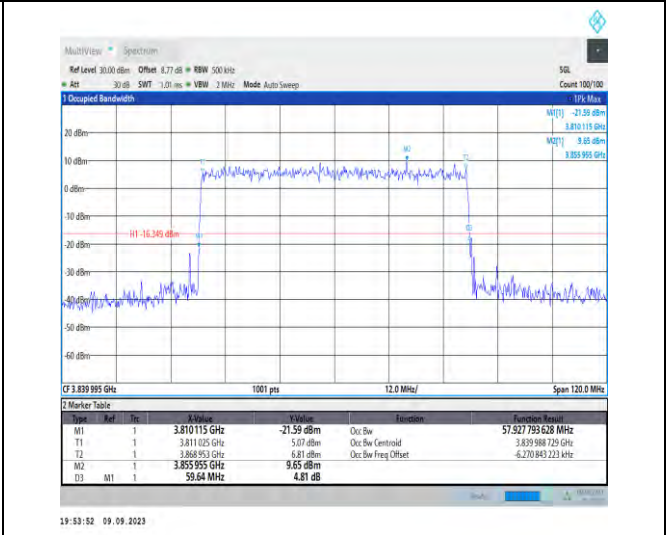
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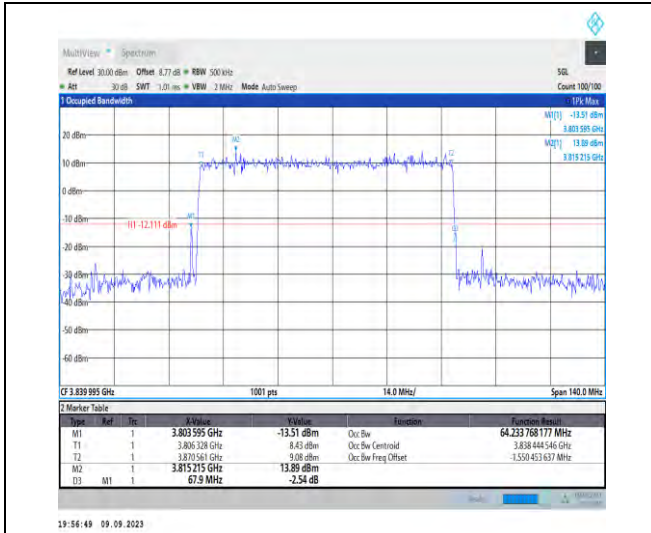
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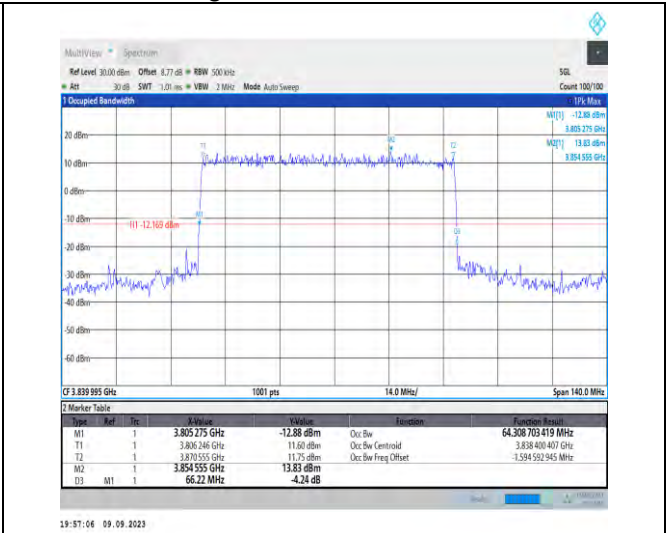
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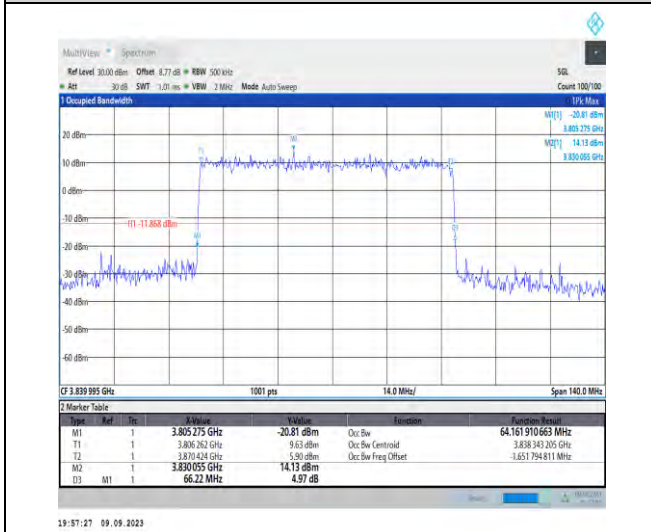
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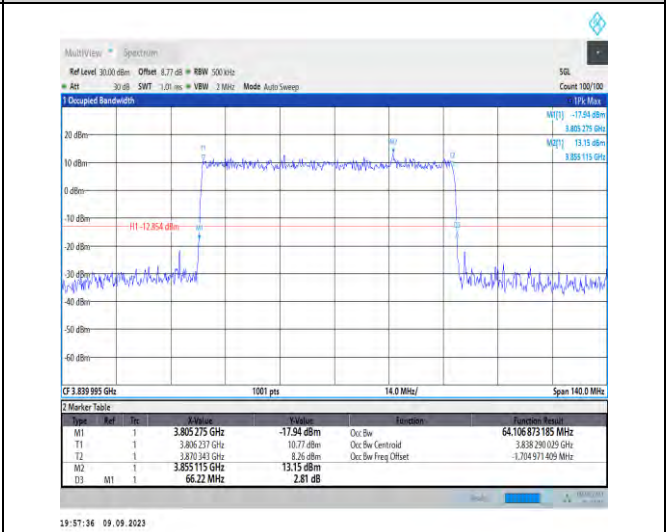
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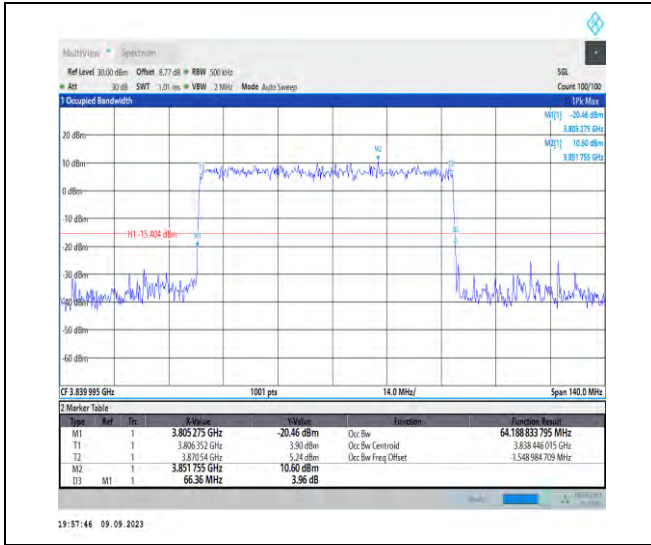


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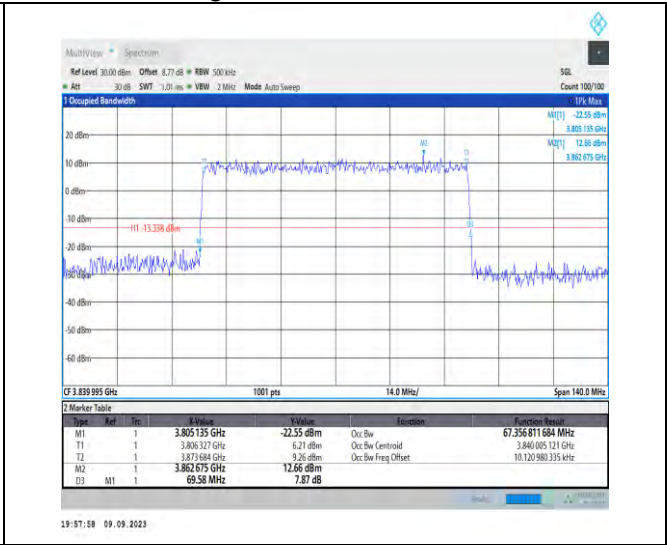
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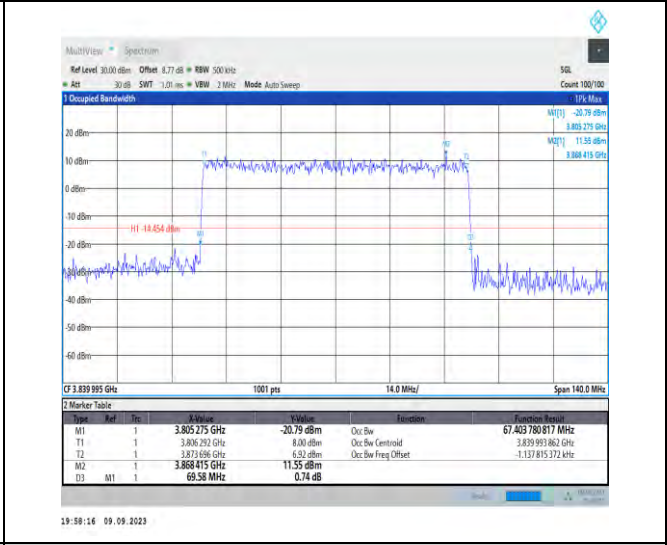
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1-N77-3700-3980-PC2-30-70-M-7-CP-16QAM-Outer\_Full-189@0-Ant5-67.516-76.720-≤70-PASS



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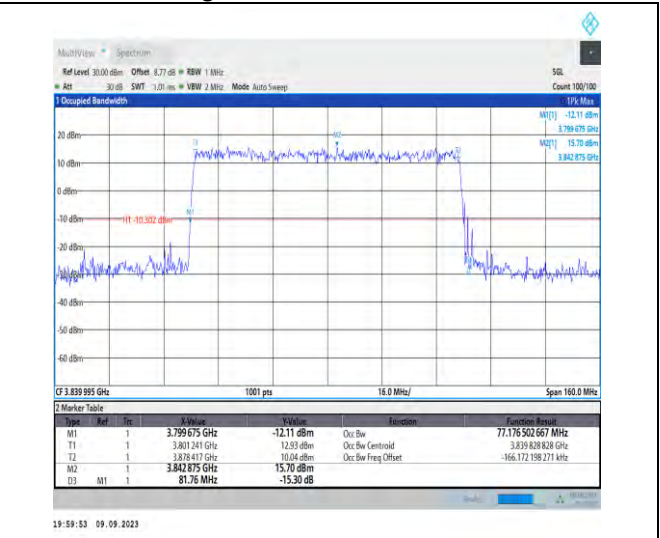
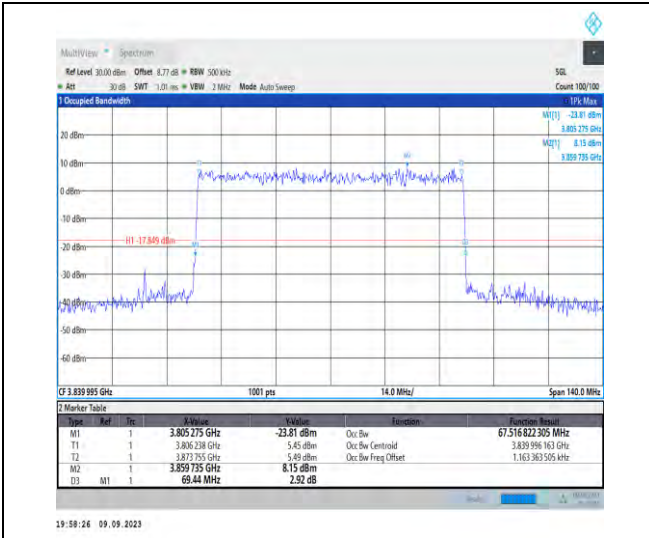


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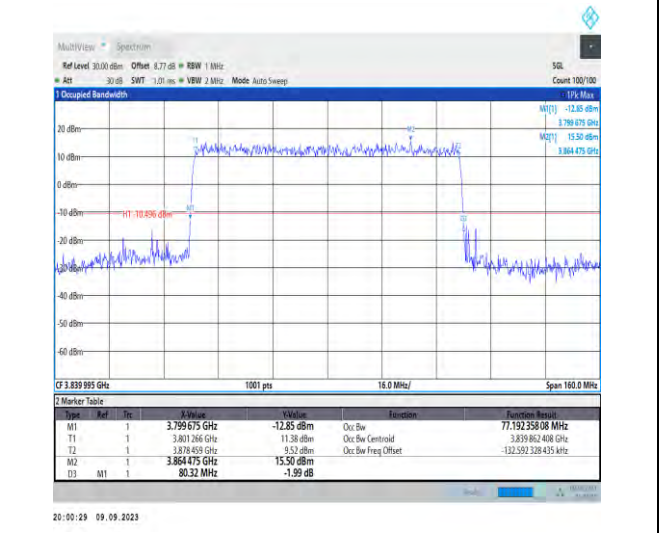
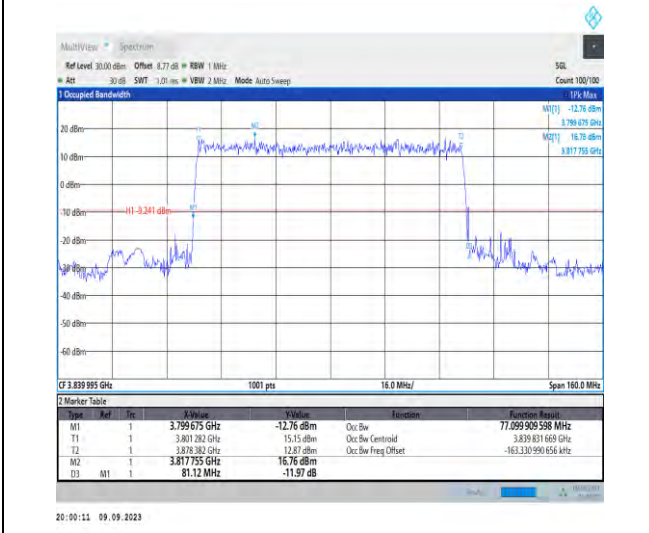
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1-N77-3700-3980-PC2-30-70-M-9-CP-256QAM-Outer\_Full-189@0-Ant5-67.517-69.440-≤70-PASS

1-N77-3700-3980-PC2-30-80-M-1-DFT-QPSK-Outer\_Full-216@0-Ant5-77.177-81.760-≤80-PASS



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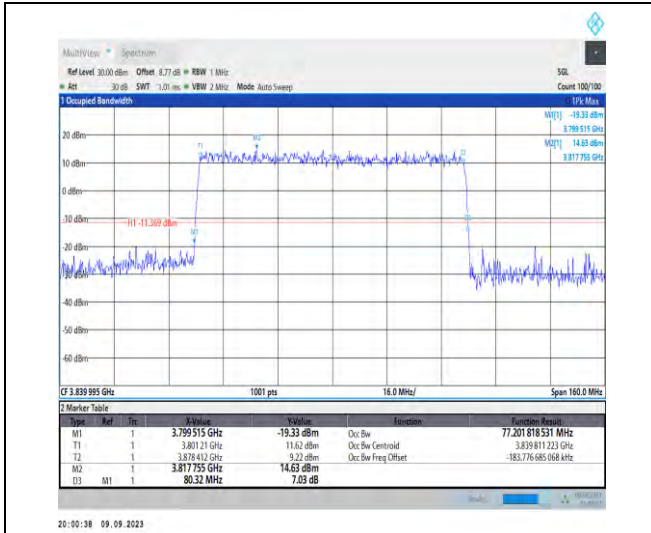
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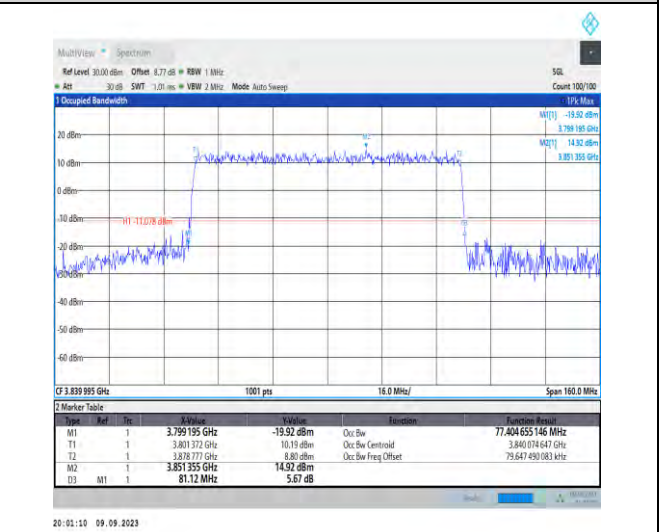
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1-N77-3700-3980-PC2-30-80-M-4-DFT-64QAM-Out\_er\_Full-216@0-Ant5-77.202-80.320-≤80-PASS

1-N77-3700-3980-PC2-30-80-M-5-DFT-256QAM-Out\_er\_Full-216@0-Ant5-77.027-80.000-≤80-PASS



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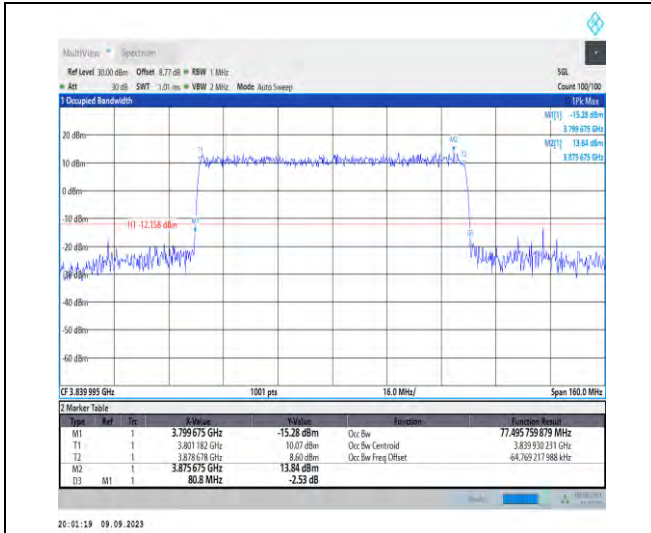
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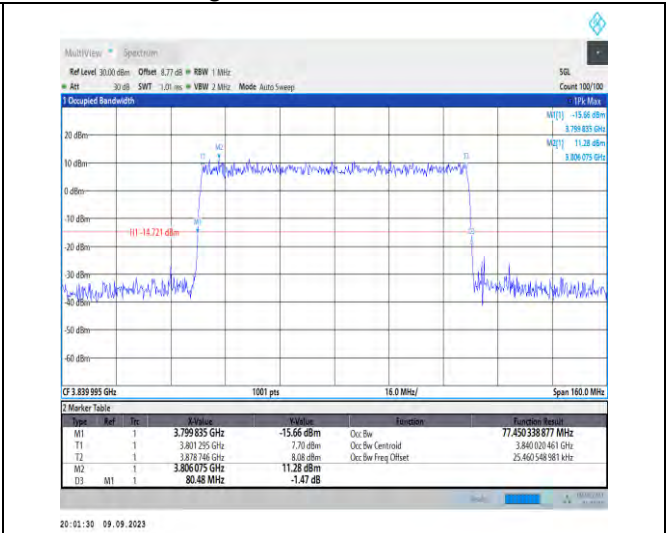
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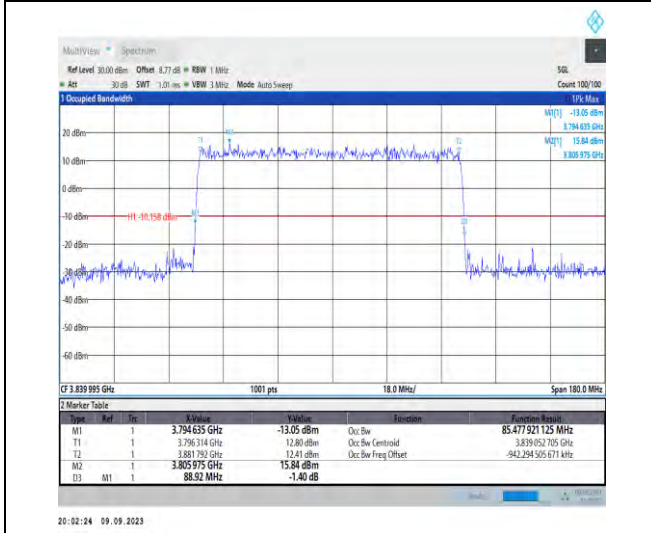
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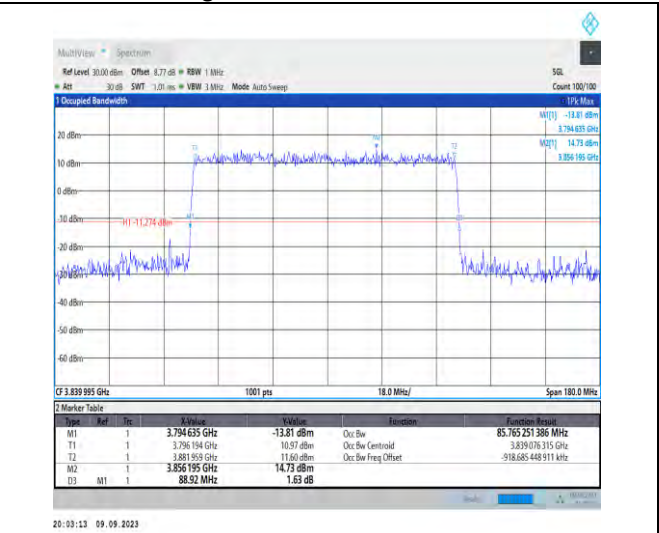
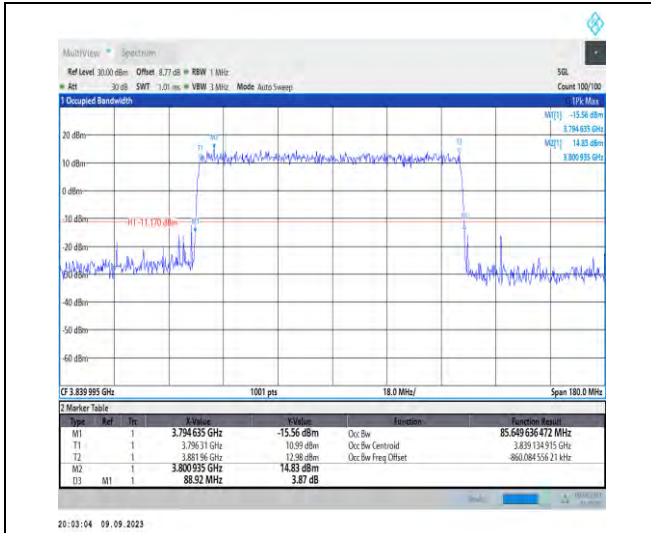
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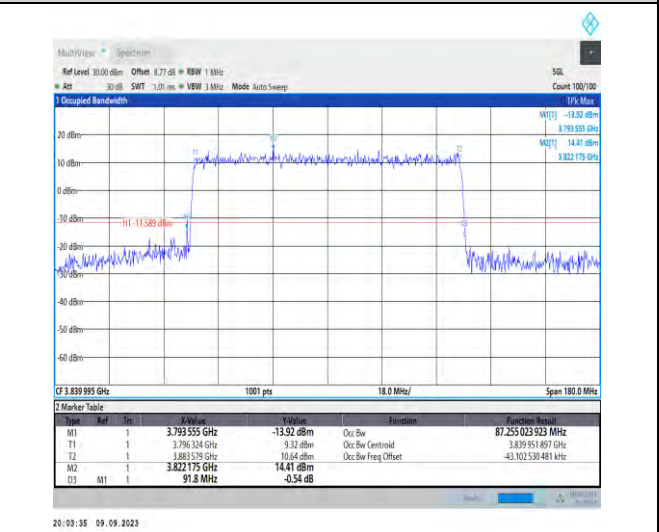
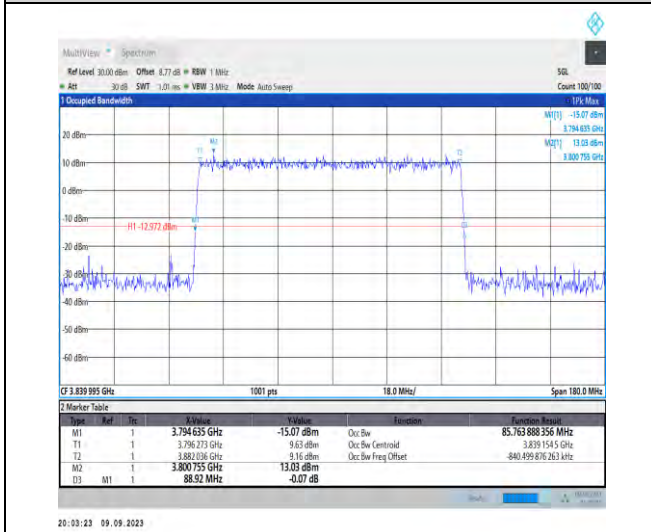
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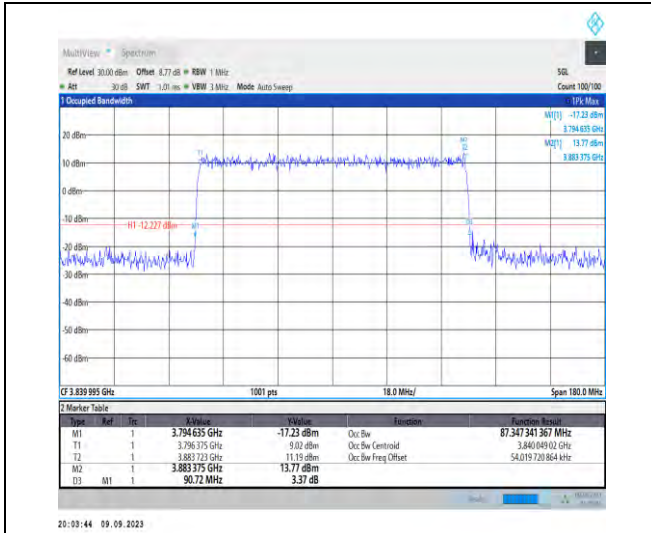
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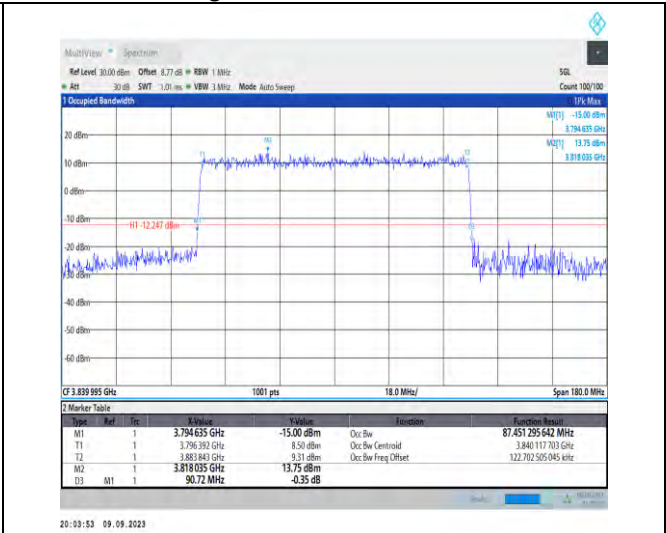
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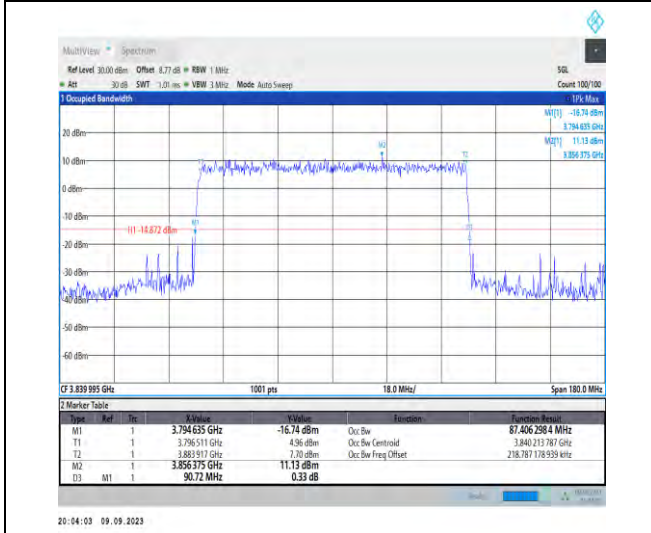
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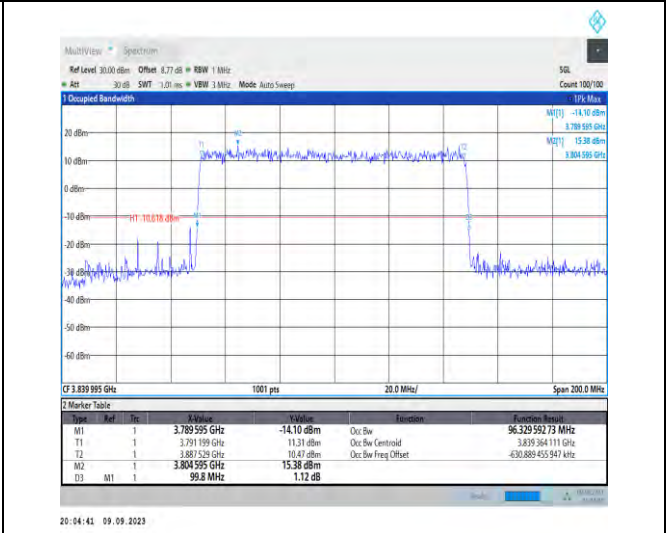
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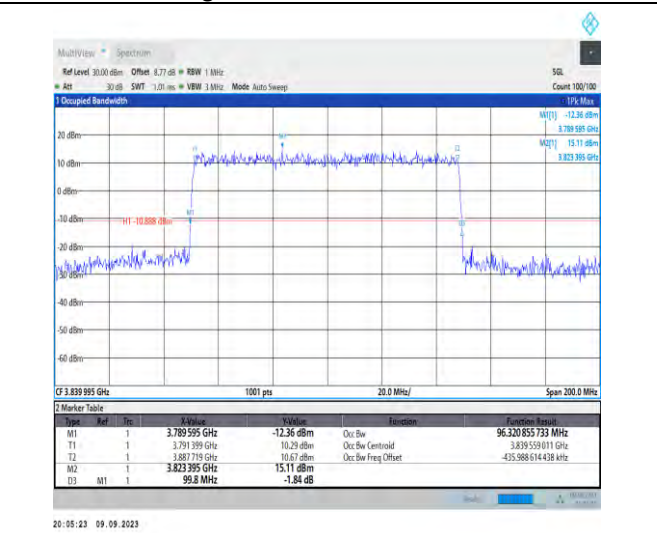
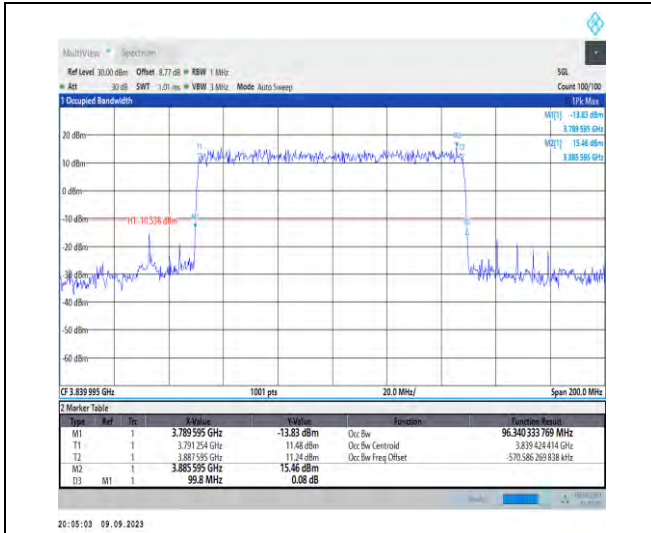
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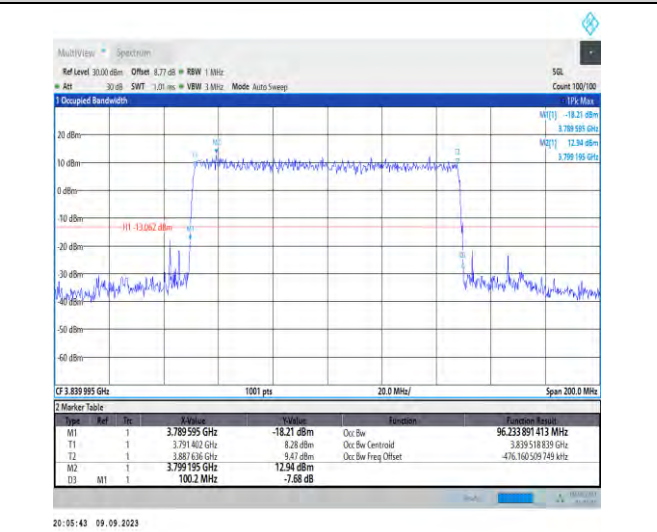
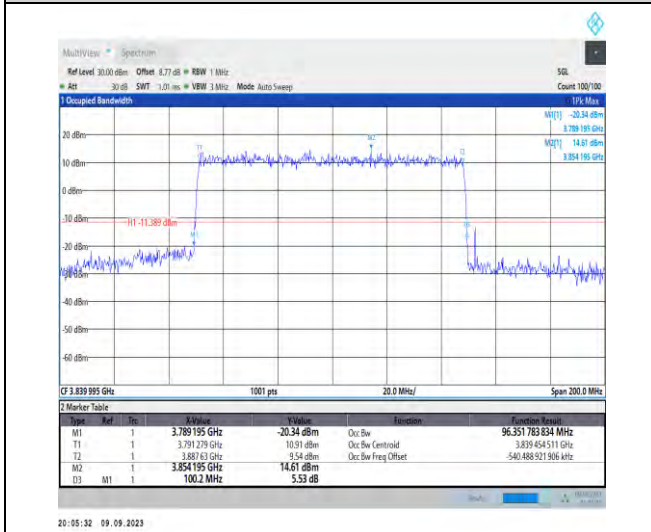
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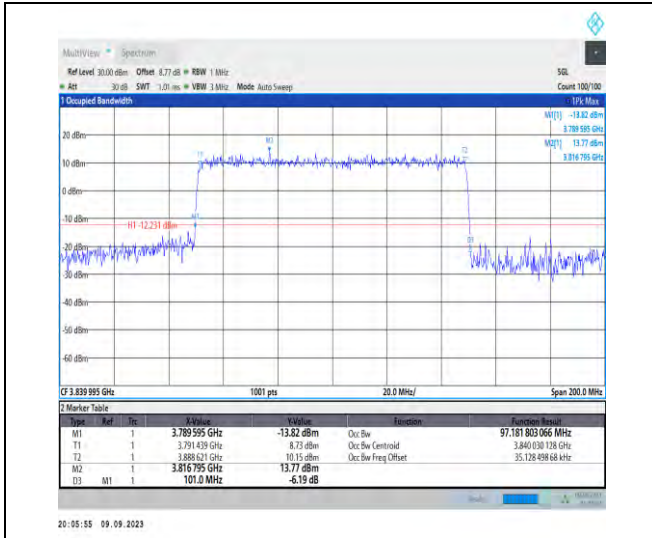
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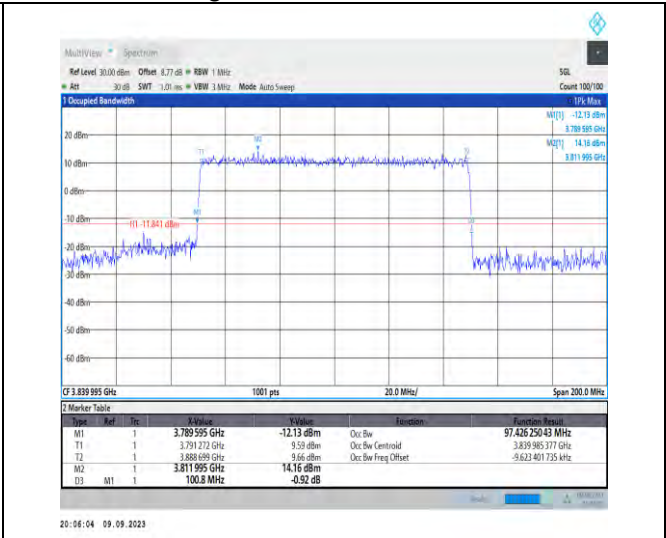
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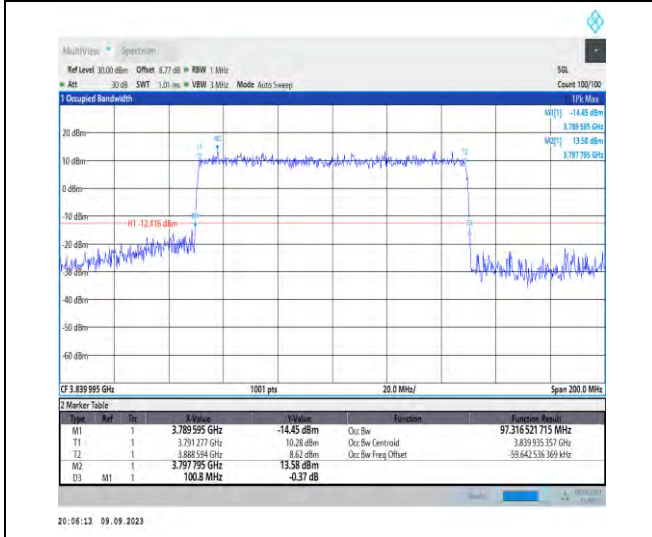
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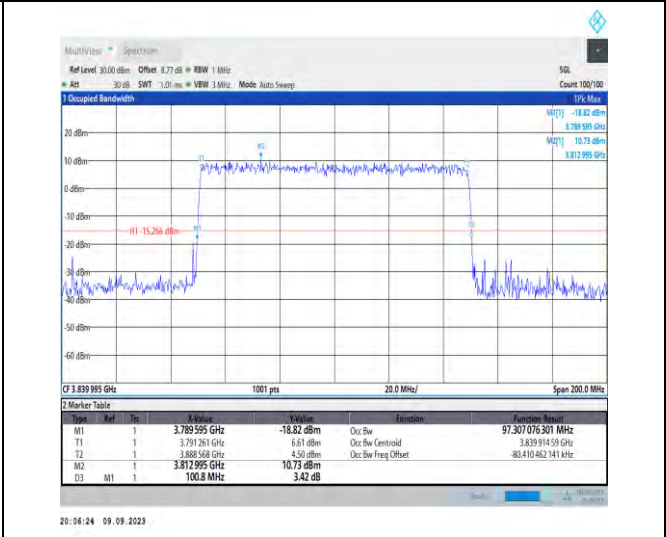
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1-N77-3700-3980-PC2-30-100-M-7-CP-16QAM-Outer\_Full-273@0-Ant5-97.426-100.800-≤100-PASS



1-N77-3700-3980-PC2-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant5-97.317-100.800-≤100-PASS



1-N77-3700-3980-PC2-30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant5-97.307-100.800-≤100-PASS



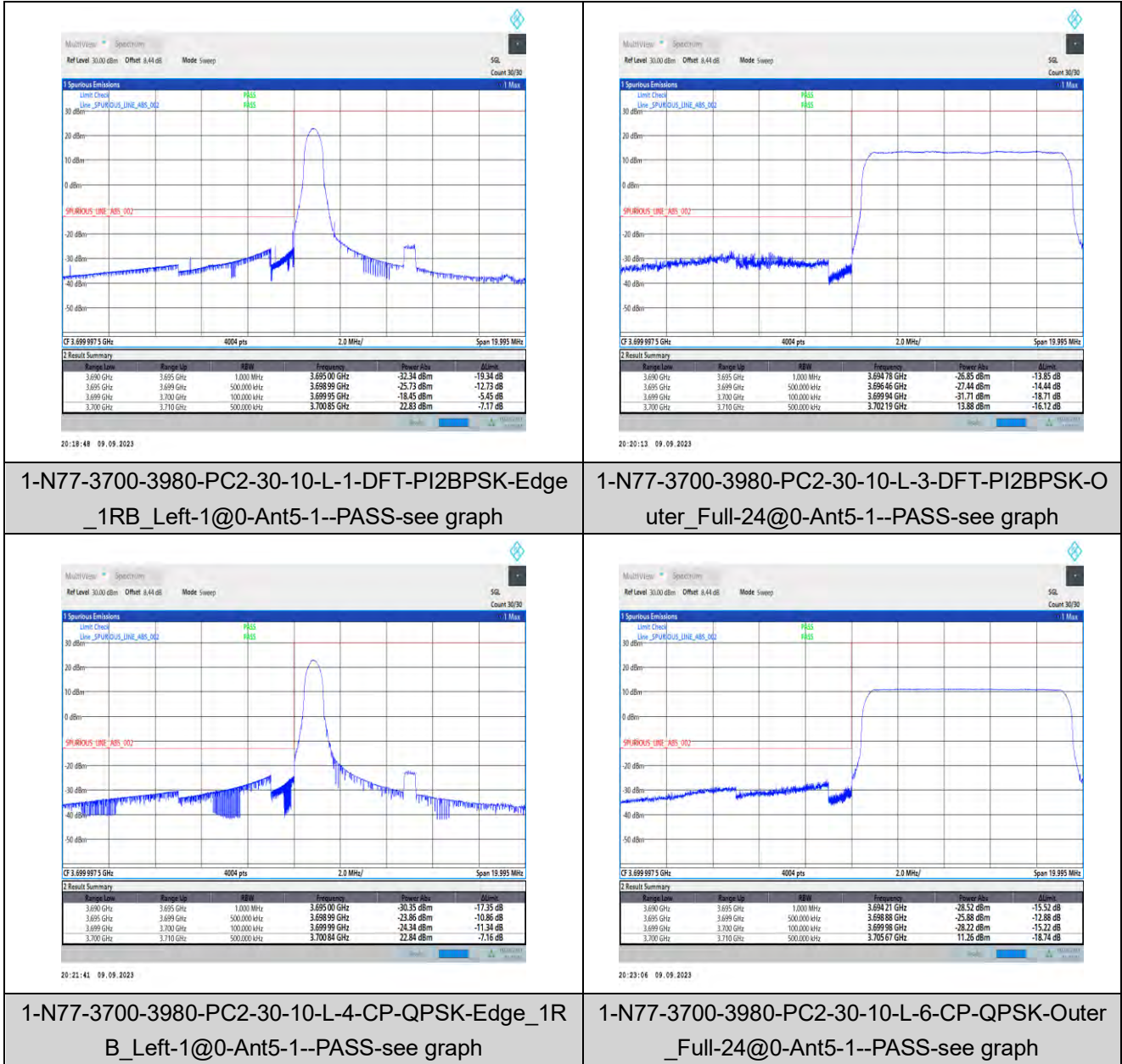
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## Band Edge for SA

### Test Graphs

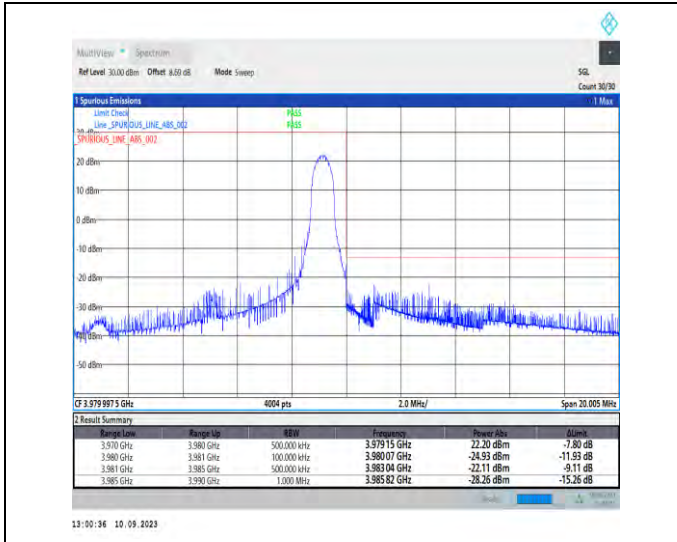


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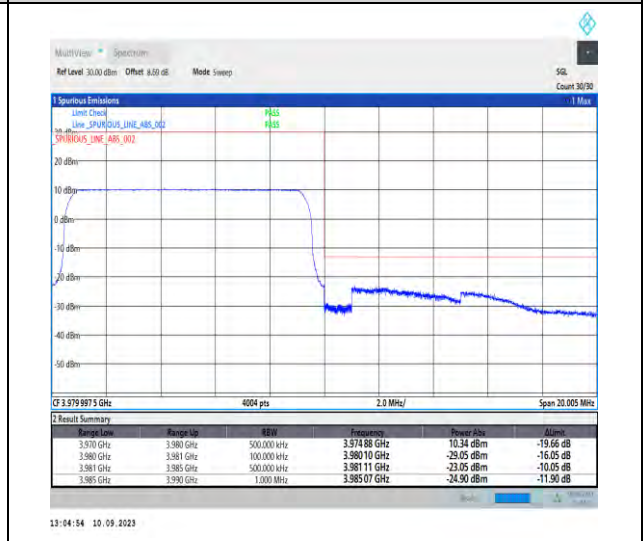
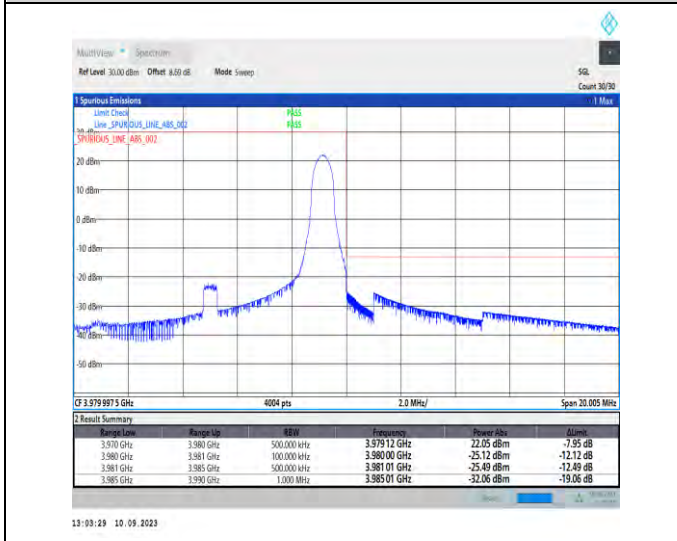
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1-N77-3700-3980-PC2-30-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@23-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-10-H-3-DFT-PI2BPSK-Outer\_Full-24@0-Ant5-1--PASS-see graph



1-N77-3700-3980-PC2-30-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@23-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-10-H-6-CP-QPSK-Outer\_Full-24@0-Ant5-1--PASS-see graph

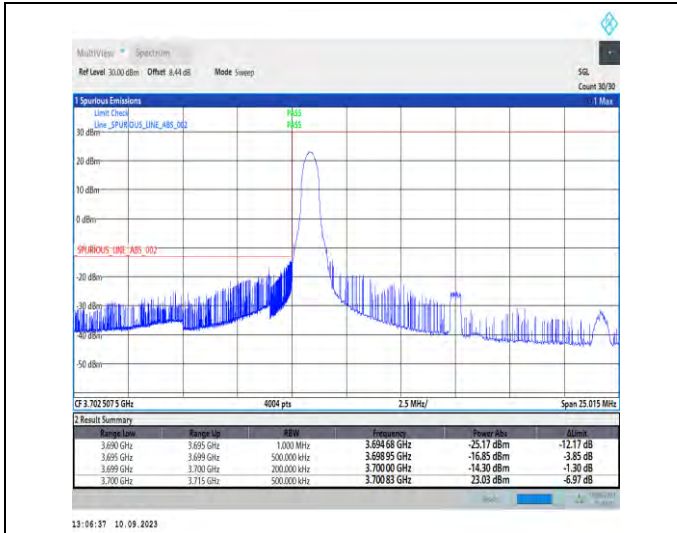


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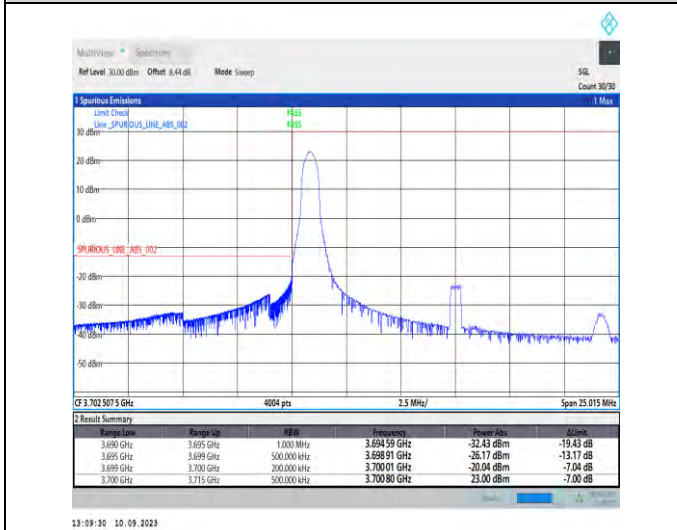
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1-N77-3700-3980-PC2-30-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-15-L-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant5-1--PASS-see graph



1-N77-3700-3980-PC2-30-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-15-L-6-CP-QPSK-Outer\_Full-38@0-Ant5-1--PASS-see graph

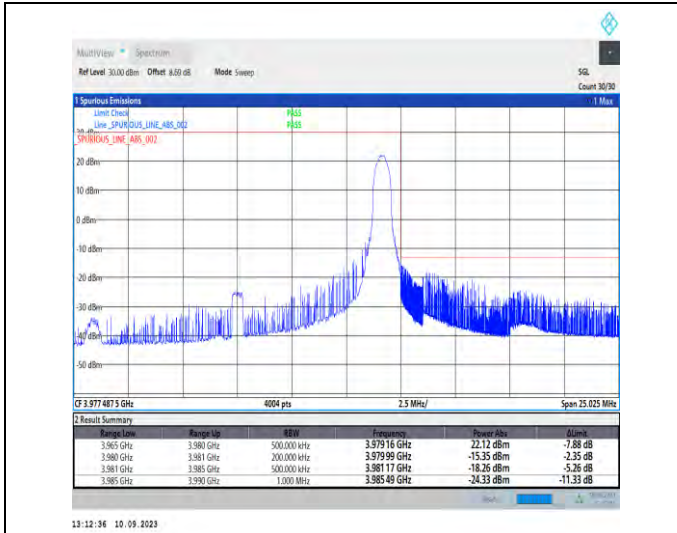


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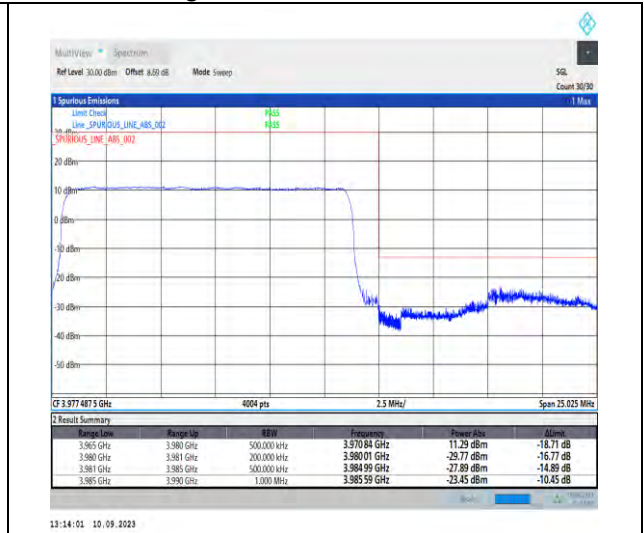
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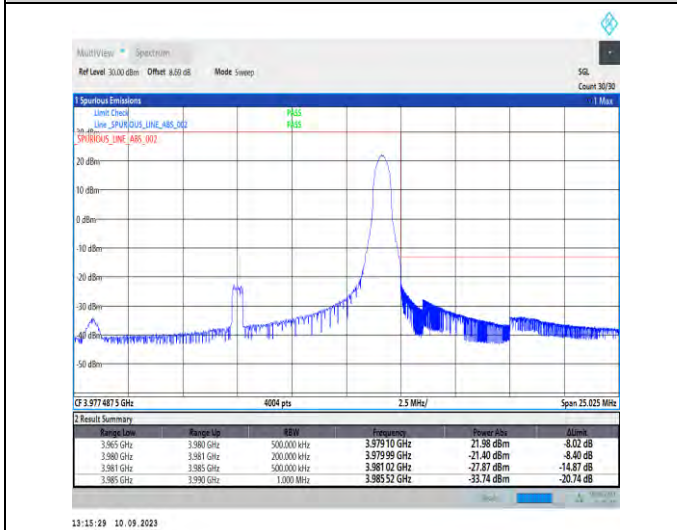
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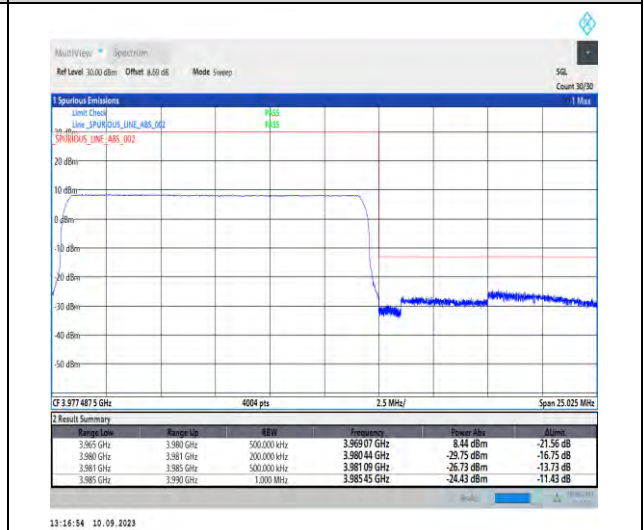
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1-N77-3700-3980-PC2-30-15-H-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant5-1--PASS-see graph



1-N77-3700-3980-PC2-30-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@37-Ant5-1--PASS-see graph

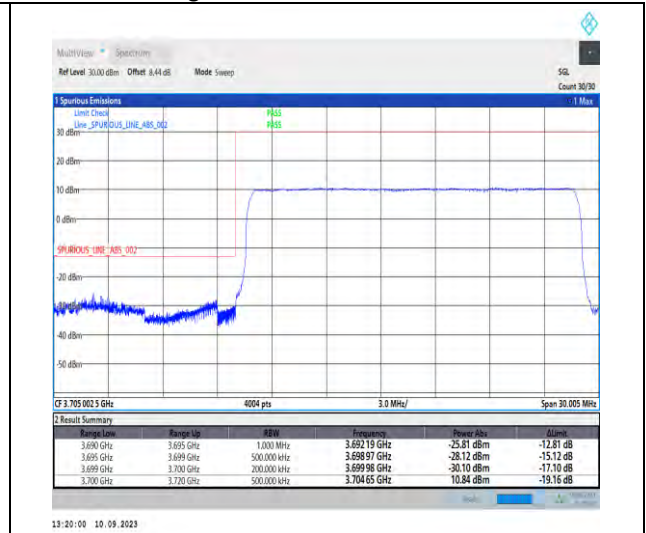


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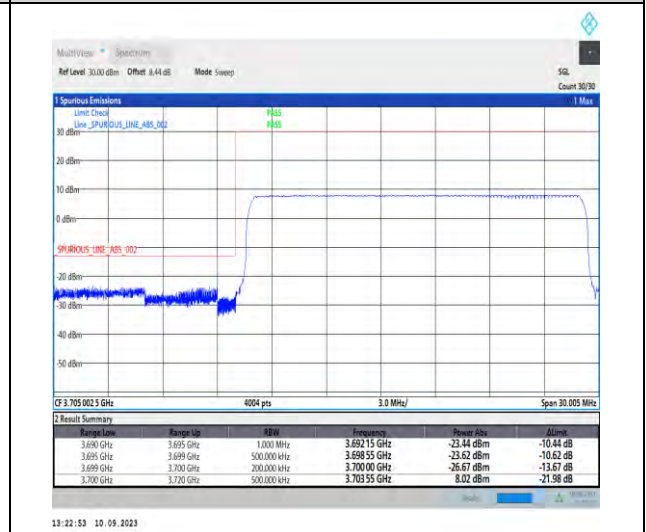
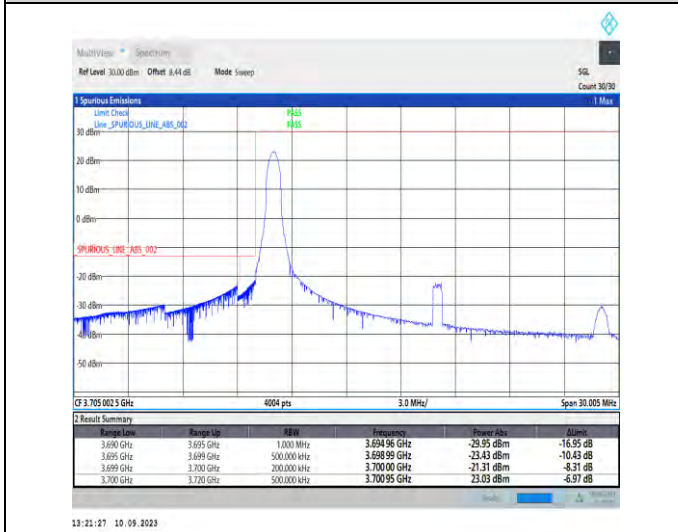
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1-N77-3700-3980-PC2-30-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-20-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant5-1--PASS-see graph



1-N77-3700-3980-PC2-30-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant5-1--PASS-see graph

1-N77-3700-3980-PC2-30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant5-1--PASS-see graph



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