

Report No.: SEWM2308000314RG02

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# Appendix B.22

## NR Band n41



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

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

### Test Result

#### ANT3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	10	DFT-QPSK	L	Inner_1RB_Left	26.17	25.97	33.00	PASS
N41	30	10	DFT-16QAM	L	Inner_1RB_Left	25.76	25.56	33.00	PASS
N41	30	10	DFT-QPSK	M	Inner_1RB_Left	25.93	25.73	33.00	PASS
N41	30	10	DFT-16QAM	M	Inner_1RB_Left	25.53	25.33	33.00	PASS
N41	30	10	DFT-QPSK	H	Inner_1RB_Left	26.15	25.95	33.00	PASS
N41	30	10	DFT-16QAM	H	Inner_1RB_Left	25.80	25.60	33.00	PASS
N41	30	15	DFT-QPSK	L	Inner_1RB_Left	26.28	26.08	33.00	PASS
N41	30	15	DFT-16QAM	L	Inner_1RB_Left	25.77	25.57	33.00	PASS
N41	30	15	DFT-QPSK	M	Inner_1RB_Left	26.29	26.09	33.00	PASS
N41	30	15	DFT-16QAM	M	Inner_1RB_Left	25.35	25.15	33.00	PASS
N41	30	15	DFT-QPSK	H	Inner_1RB_Left	26.17	25.97	33.00	PASS
N41	30	15	DFT-16QAM	H	Inner_1RB_Left	25.69	25.49	33.00	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	26.20	26.00	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	25.71	25.51	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	26.14	25.94	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	25.07	24.87	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	26.09	25.89	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	25.27	25.07	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	26.15	25.95	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	25.65	25.45	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	26.05	25.85	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	25.30	25.10	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	25.57	25.37	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	24.68	24.48	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	26.33	26.13	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	25.80	25.60	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	26.41	26.21	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	25.75	25.55	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	26.20	26.00	33.00	PASS



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N41	30	40	DFT-16QAM	H	Inner_1RB_Left	25.66	25.46	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	26.17	25.97	33.00	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	25.79	25.59	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	26.27	26.07	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	25.72	25.52	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	25.93	25.73	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	25.56	25.36	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	26.21	26.01	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	25.72	25.52	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	26.13	25.93	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	25.67	25.47	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	26.10	25.90	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	25.71	25.51	33.00	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.85	25.65	33.00	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	25.55	25.35	33.00	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	25.87	25.67	33.00	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	25.38	25.18	33.00	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	25.83	25.63	33.00	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	25.59	25.39	33.00	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	25.94	25.74	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	25.52	25.32	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	25.75	25.55	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	25.38	25.18	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	25.96	25.76	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	25.43	25.23	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	25.91	25.71	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	25.60	25.40	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	25.92	25.72	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	25.63	25.43	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	25.84	25.64	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.49	25.29	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.26	26.06	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.35	26.15	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	25.91	25.71	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	26.04	25.84	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.20	26.00	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	25.42	25.22	33.00	PASS



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N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.14	24.94	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.28	25.08	33.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	24.67	24.47	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	23.94	23.74	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	24.09	23.89	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	24.15	23.95	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.66	21.46	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.82	21.62	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	22.16	21.96	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.17	25.97	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	26.23	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	25.92	25.72	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	26.03	25.83	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.33	26.13	33.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	25.46	25.26	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	25.12	24.92	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	25.39	25.19	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	24.67	24.47	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.83	23.63	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	24.22	24.02	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	24.15	23.95	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	21.64	21.44	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	21.99	21.79	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	22.16	21.96	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.95	25.75	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.67	26.47	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	25.86	25.66	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	25.84	25.64	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.51	26.31	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	25.42	25.22	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	24.91	24.71	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	25.62	25.42	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	24.59	24.39	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	23.82	23.62	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	24.29	24.09	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	24.12	23.92	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	21.49	21.29	33.00	PASS



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N41	30	100	DFT-256QAM	H	Inner_1RB_Right	22.16	21.96	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	22.14	21.94	33.00	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	9.05	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	9.51	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.35	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	9.27	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	9.69	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	9.97	≤13	PASS

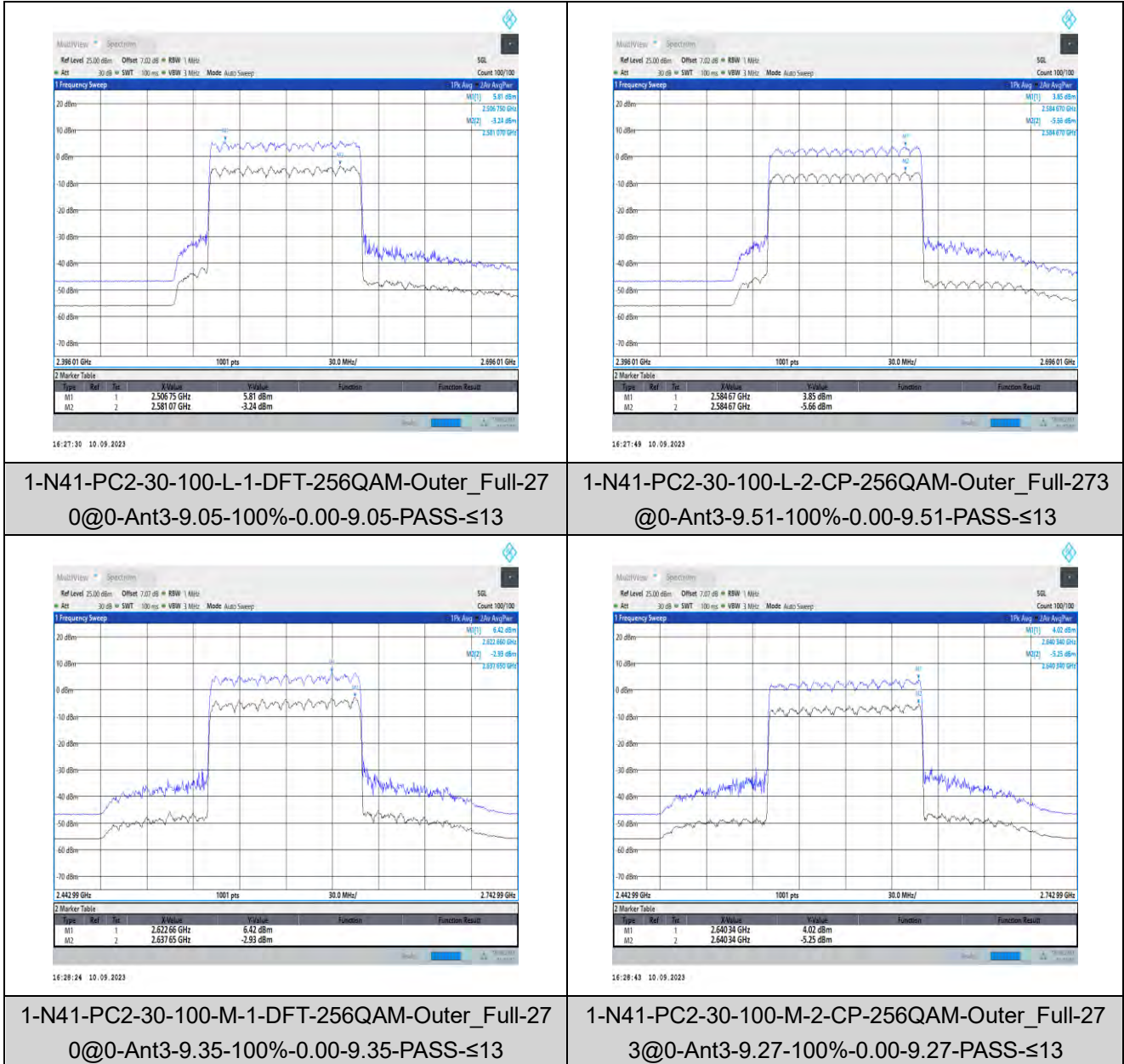


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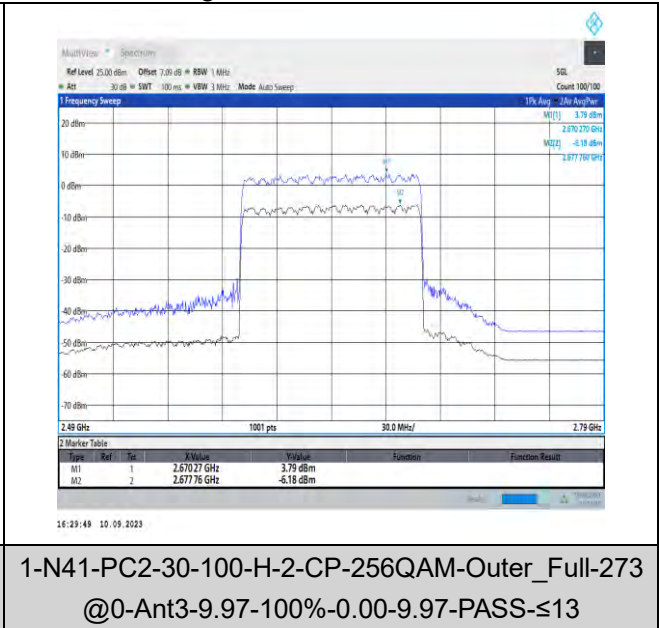
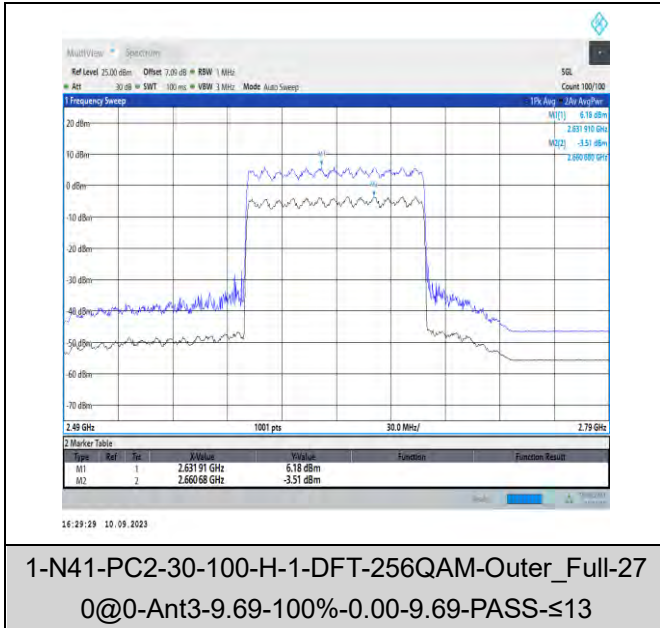
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Test Graphs



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1-N41-PC2-30-100-H-1-DFT-256QAM-Outer\_Full-27  
0@0-Ant3-9.69-100%-0.00-9.69-PASS-≤13

1-N41-PC2-30-100-H-2-CP-256QAM-Outer\_Full-273  
0@0-Ant3-9.97-100%-0.00-9.97-PASS-≤13



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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
N41	30	10	DFT-QPSK	M	Outer_Full	8.576	9.100	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.571	9.140	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.577	9.160	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.558	9.140	PASS
N41	30	10	DFT-256QAM	M	Outer_Full	8.585	9.260	PASS
N41	30	10	CP-QPSK	M	Outer_Full	8.592	9.140	PASS
N41	30	10	CP-16QAM	M	Outer_Full	8.612	9.320	PASS
N41	30	10	CP-64QAM	M	Outer_Full	8.572	9.120	PASS
N41	30	10	CP-256QAM	M	Outer_Full	8.572	9.180	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.869	13.620	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.787	13.890	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.828	13.620	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.861	13.860	PASS
N41	30	15	DFT-256QAM	M	Outer_Full	12.818	13.650	PASS
N41	30	15	CP-QPSK	M	Outer_Full	13.592	14.940	PASS
N41	30	15	CP-16QAM	M	Outer_Full	13.6	14.490	PASS
N41	30	15	CP-64QAM	M	Outer_Full	13.553	14.490	PASS
N41	30	15	CP-256QAM	M	Outer_Full	13.495	14.610	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.784	18.680	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.791	18.800	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.784	18.720	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.797	18.560	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.814	18.600	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.161	19.000	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.238	19.120	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.276	19.040	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.242	19.080	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.778	28.200	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.713	28.020	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.751	27.960	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.741	27.840	PASS



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N41	30	30	DFT-256QAM	M	Outer_Full	26.747	28.080	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.906	28.980	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.821	30.300	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.85	29.220	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.882	29.160	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.616	37.200	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.801	37.200	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.697	37.520	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.745	37.200	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.702	37.440	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.901	40.240	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.833	39.520	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.982	39.840	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.887	39.520	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.678	47.600	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.603	47.600	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.651	47.600	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.677	47.600	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.633	47.400	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.411	49.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.613	49.500	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.395	49.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.367	49.100	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.761	59.640	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.937	59.640	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.924	59.760	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.87	59.880	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.811	59.640	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.745	59.520	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.644	59.640	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.645	59.640	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.71	59.640	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.242	66.220	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.407	66.360	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.253	66.080	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.076	66.080	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.297	66.220	PASS



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N41	30	70	CP-QPSK	M	Outer_Full	67.524	84.000	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.491	69.440	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.541	69.580	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.423	69.440	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.012	80.000	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.224	80.640	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.905	80.320	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.018	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.021	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.551	80.640	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.495	88.320	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.566	80.640	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.5	80.480	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.543	88.920	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.583	88.920	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.804	88.920	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.643	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.621	88.920	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.443	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.59	90.540	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.258	91.080	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.428	90.900	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.227	99.600	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.401	99.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.192	99.800	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.266	99.600	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.349	99.800	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.331	105.200	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.288	102.600	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.169	100.800	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.354	100.800	PASS

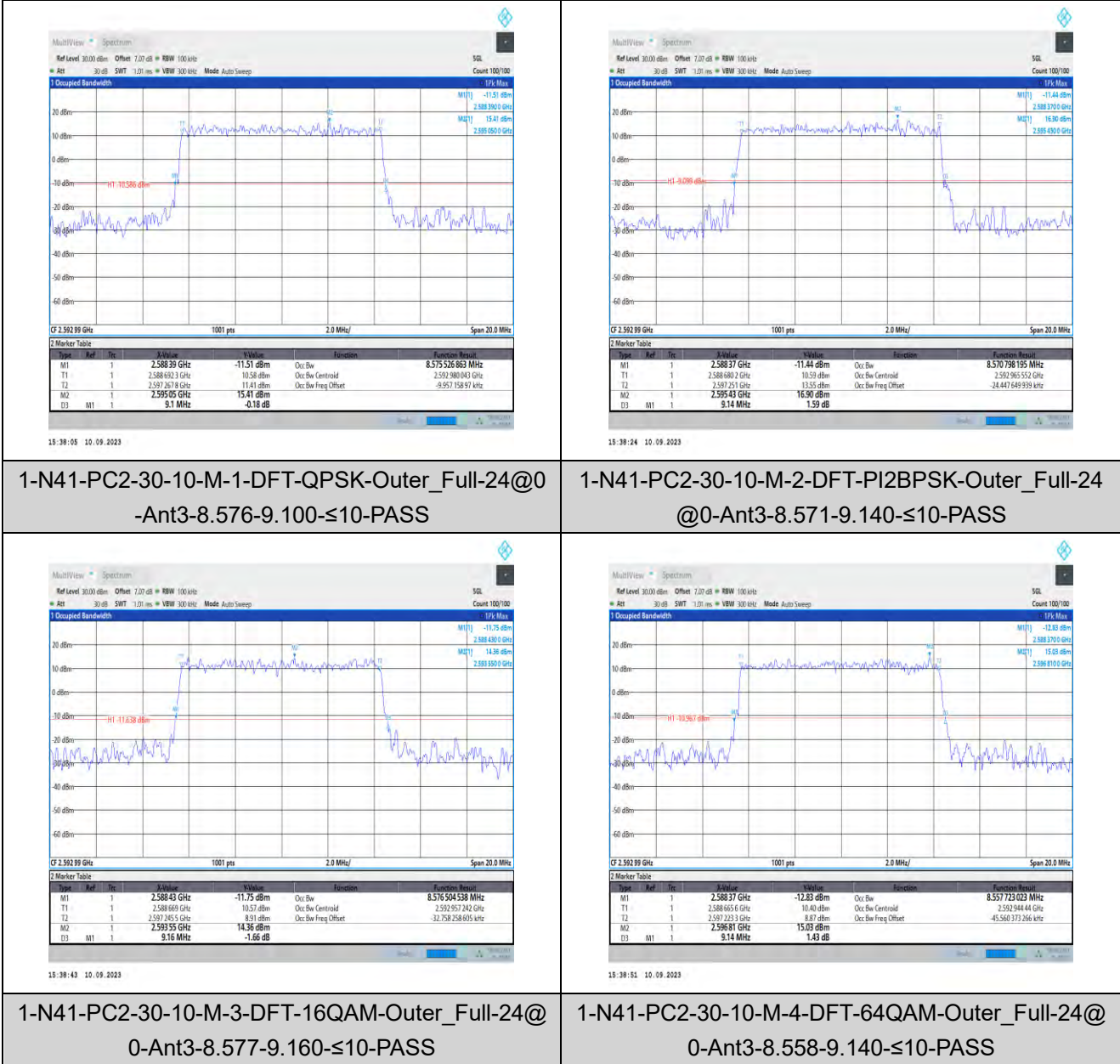


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Test Graphs



1-N41-PC2-30-10-M-1-DFT-QPSK-Outer\_Full-24@  
 -Ant3-8.576-9.100-≤10-PASS

1-N41-PC2-30-10-M-2-DFT-PI2BPSK-Outer\_Full-24  
 @0-Ant3-8.571-9.140-≤10-PASS

1-N41-PC2-30-10-M-3-DFT-16QAM-Outer\_Full-24@  
 0-Ant3-8.577-9.160-≤10-PASS

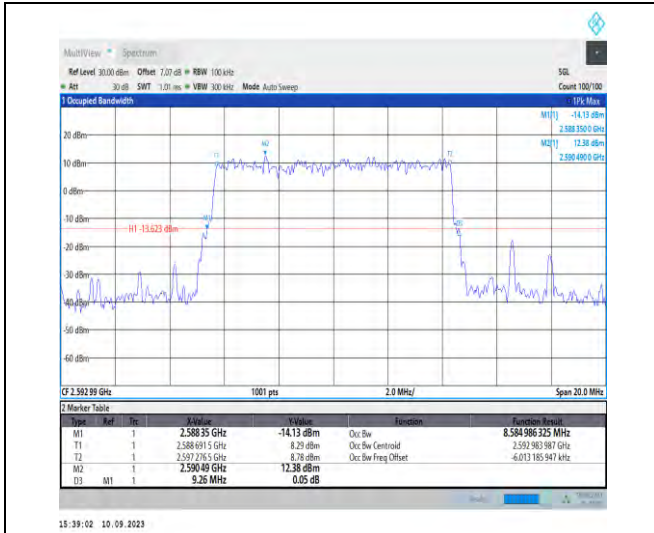
1-N41-PC2-30-10-M-4-DFT-64QAM-Outer\_Full-24@  
 0-Ant3-8.558-9.140-≤10-PASS



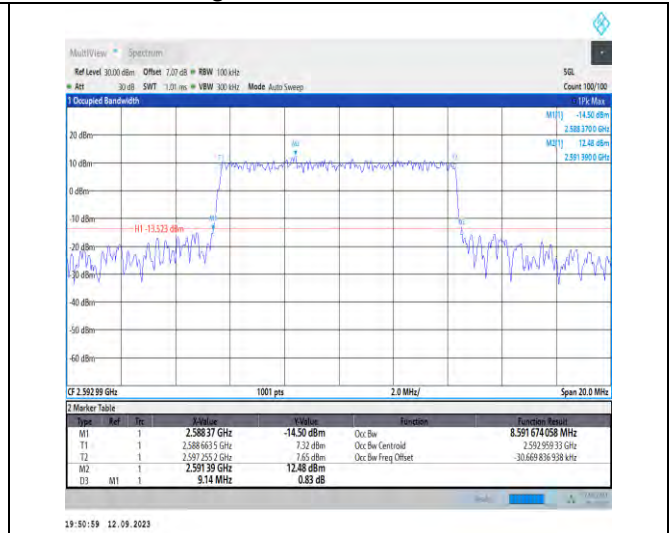
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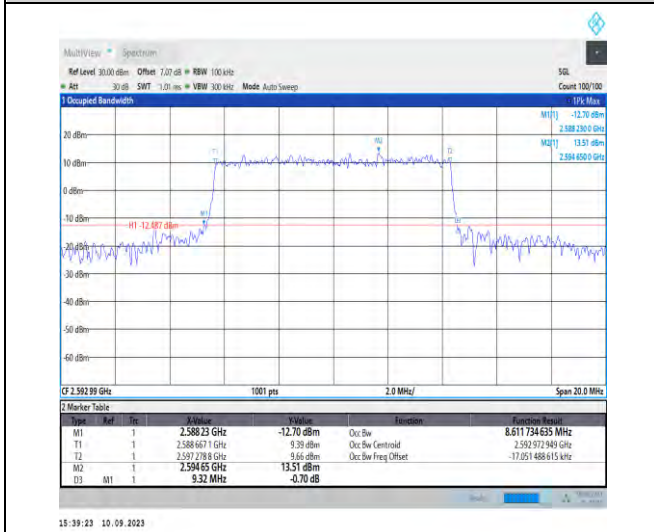
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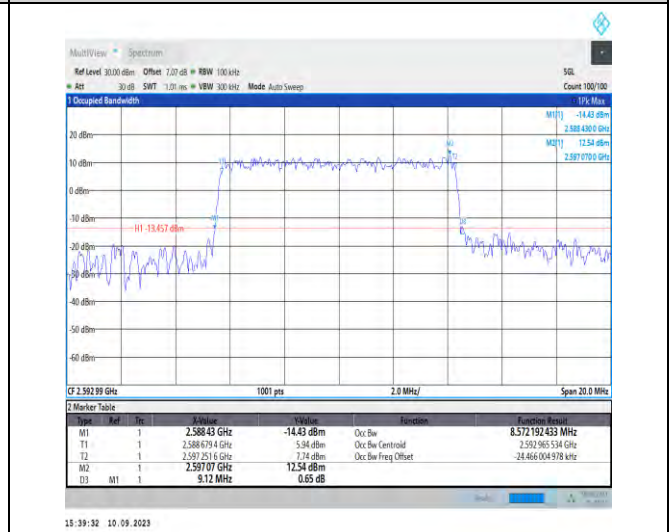
1-N41-PC2-30-10-M-5-DFT-256QAM-Outer\_Full-24@0-Ant3-8.585-9.260-≤10-PASS



1-N41-PC2-30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant3-8.592-9.140-≤10-PASS



1-N41-PC2-30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant3-8.612-9.320-≤10-PASS



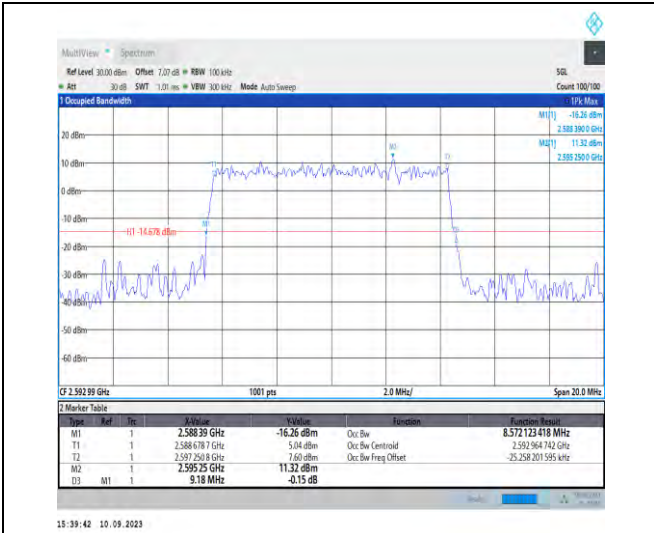
1-N41-PC2-30-10-M-8-CP-64QAM-Outer\_Full-24@0-Ant3-8.572-9.120-≤10-PASS



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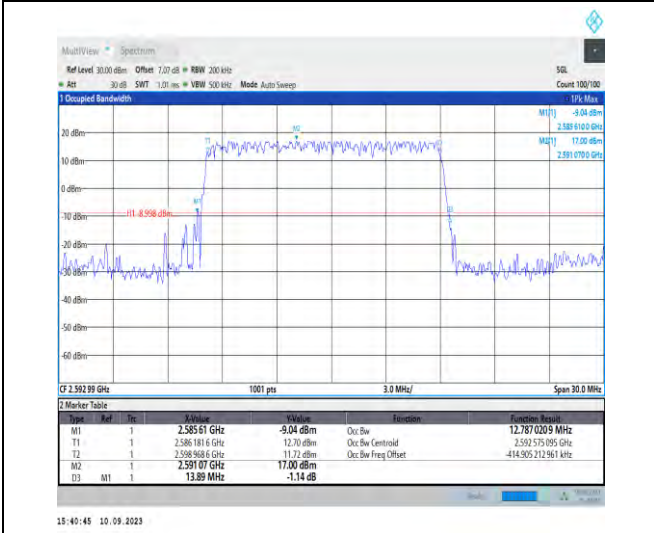
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1-N41-PC2-30-10-M-9-CP-256QAM-Outer\_Full-24@  
0-Ant3-8.572-9.180-≤10-PASS



1-N41-PC2-30-15-M-1-DFT-QPSK-Outer\_Full-36@  
0-Ant3-12.869-13.620-≤15-PASS



1-N41-PC2-30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@  
0-Ant3-12.787-13.890-≤15-PASS



1-N41-PC2-30-15-M-3-DFT-16QAM-Outer\_Full-36@  
0-Ant3-12.828-13.620-≤15-PASS

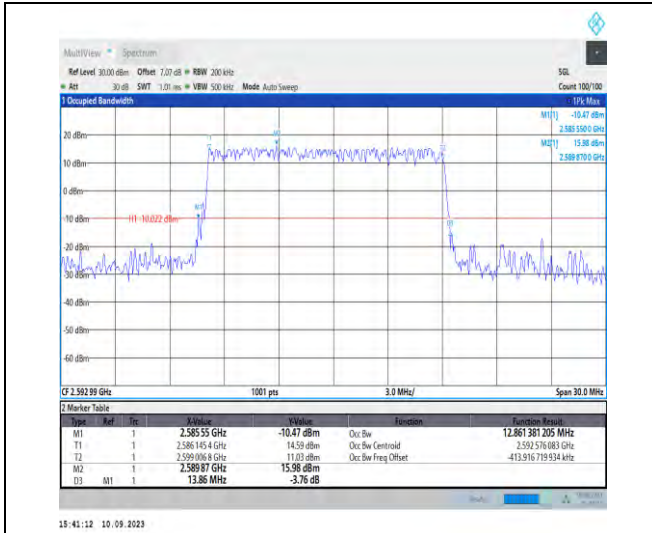


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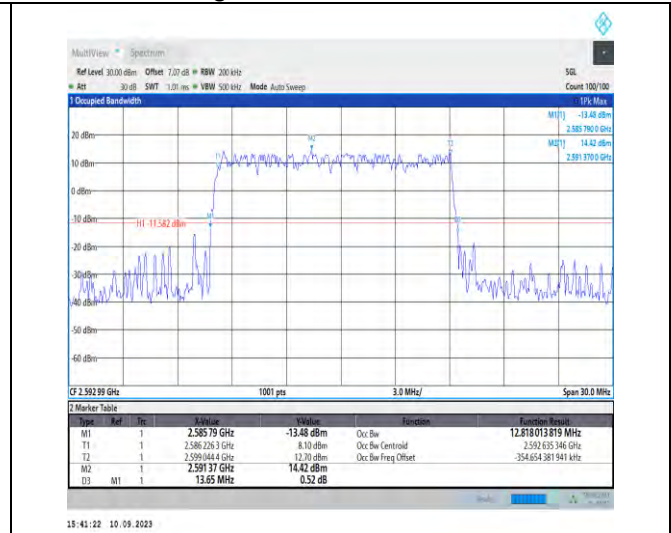
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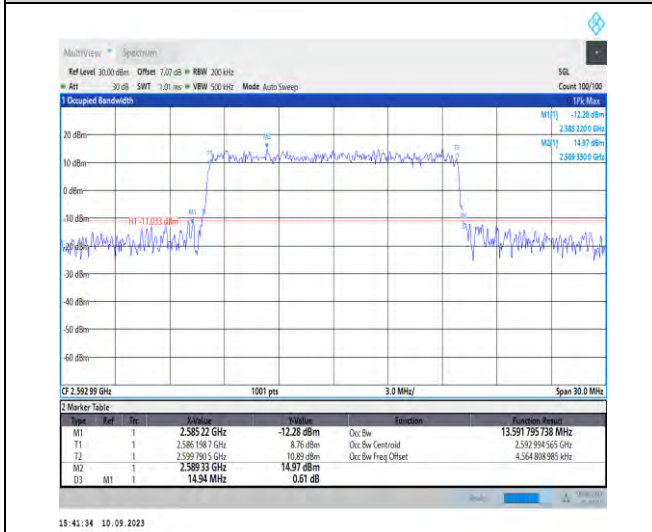
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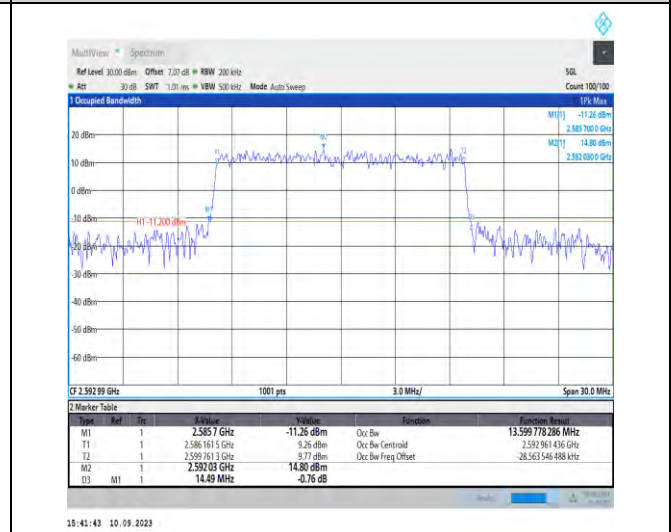
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1-N41-PC2-30-15-M-6-CP-QPSK-Outer\_Full-38@0-  
Ant3-13.592-14.940-≤15-PASS



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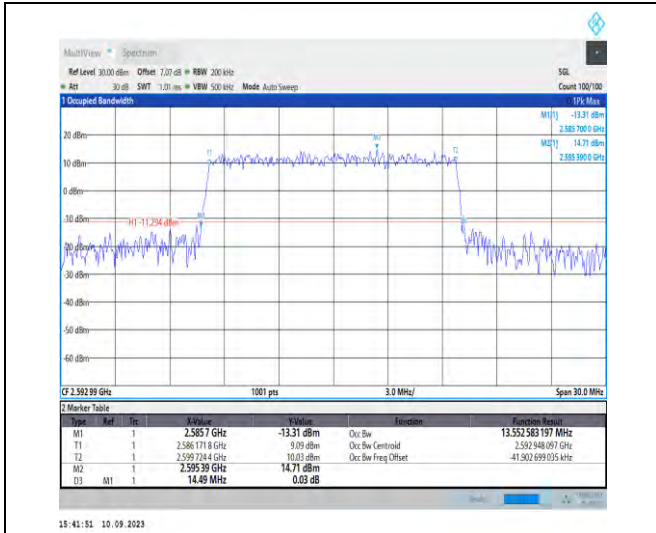


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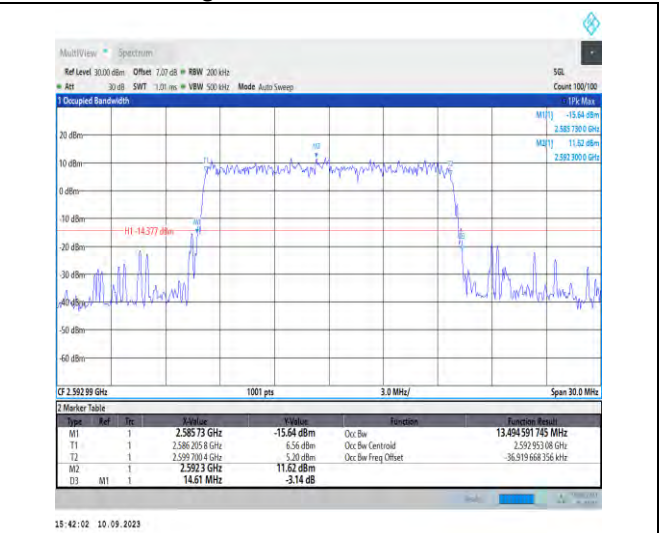
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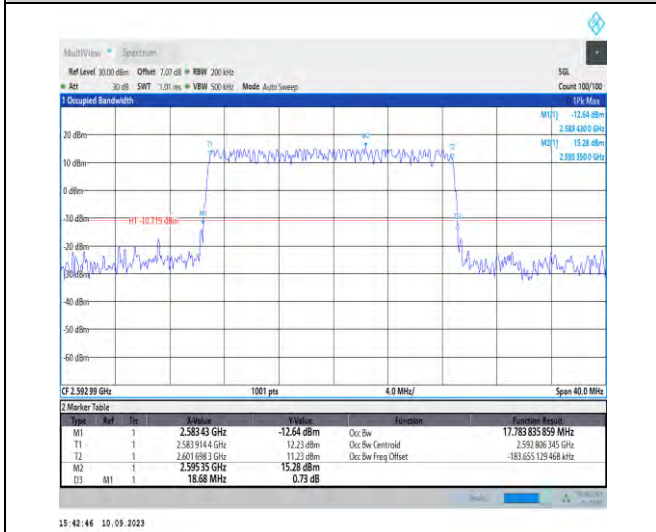
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1-N41-PC2-30-15-M-8-CP-64QAM-Outer\_Full-38@0  
-Ant3-13.553-14.490-≤15-PASS



1-N41-PC2-30-15-M-9-CP-256QAM-Outer\_Full-38@0  
-Ant3-13.495-14.610-≤15-PASS



1-N41-PC2-30-20-M-1-DFT-QPSK-Outer\_Full-50@0  
-Ant3-17.784-18.680-≤20-PASS



1-N41-PC2-30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0  
-Ant3-17.791-18.800-≤20-PASS



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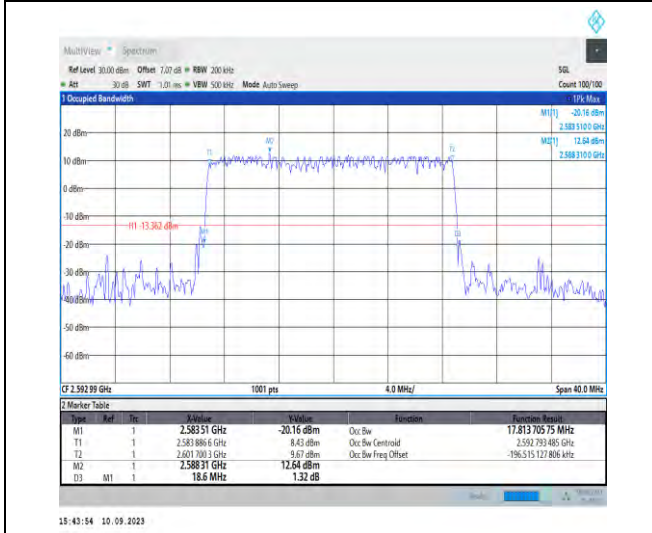




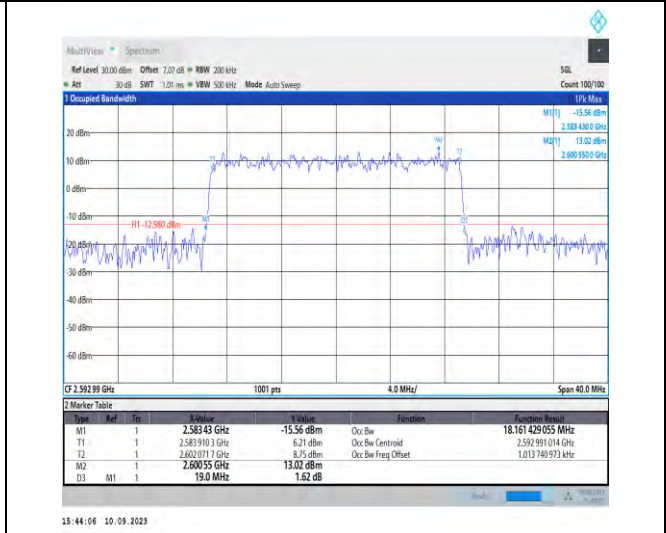
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1-N41-PC2-30-20-M-5-DFT-256QAM-Outer\_Full-50@  
0-Ant3-17.814-18.600-≤20-PASS



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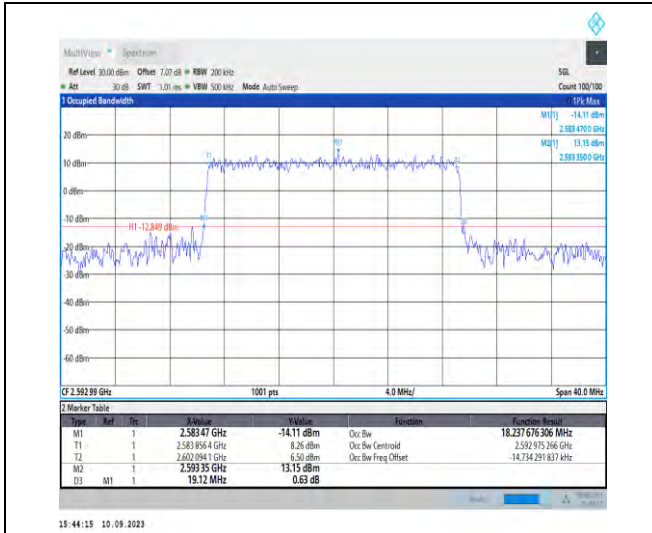


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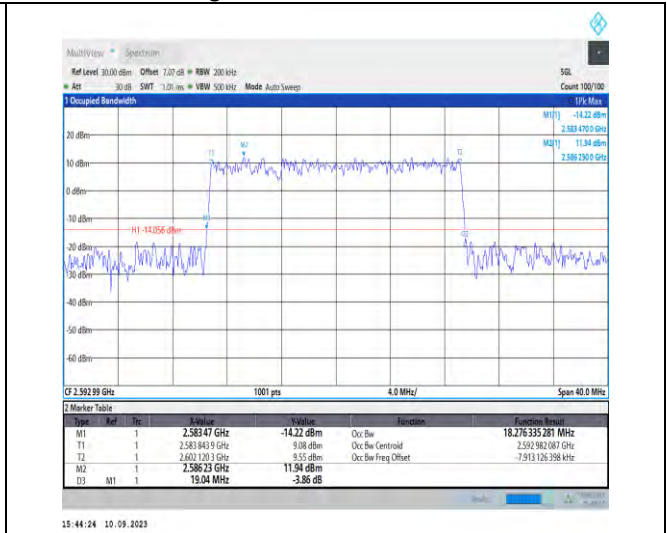
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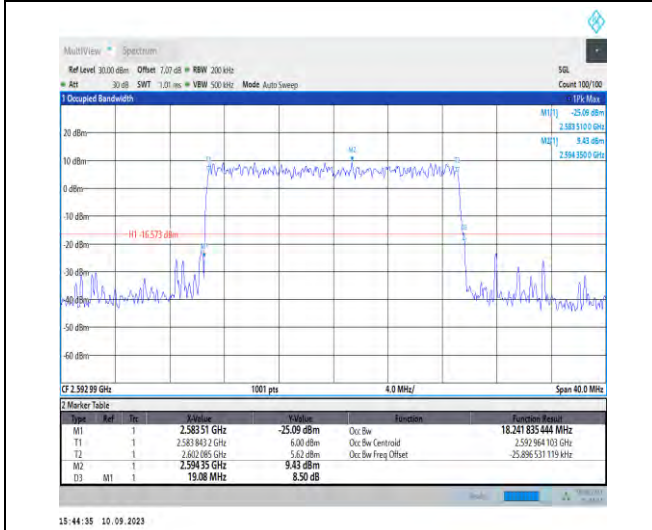
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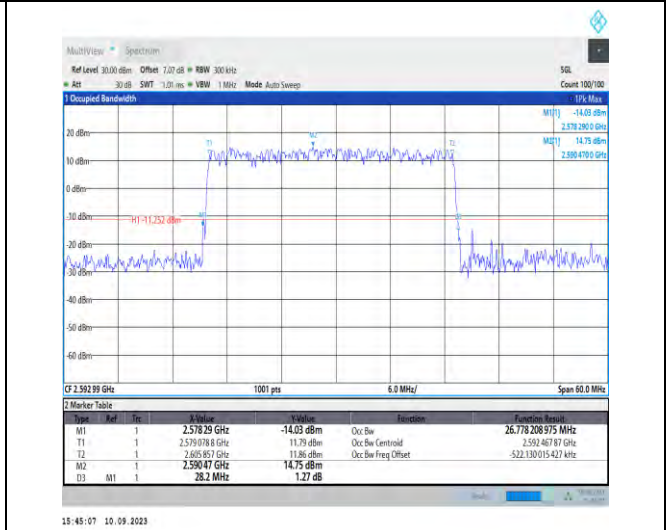
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-Ant3-18.276-19.040-≤20-PASS



1-N41-PC2-30-20-M-9-CP-256QAM-Outer\_Full-51@0  
0-Ant3-18.242-19.080-≤20-PASS



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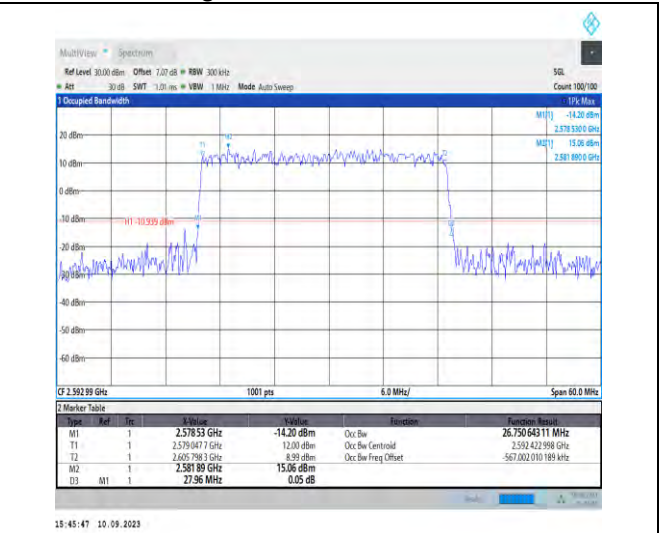


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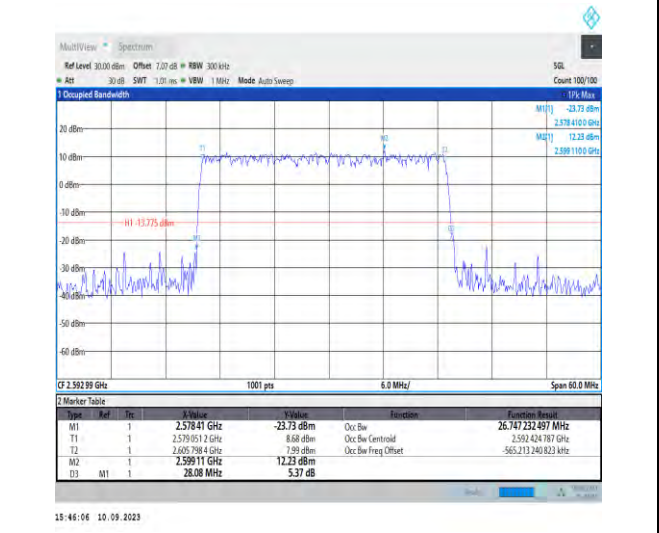
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1-N41-PC2-30-30-M-2-DFT-PI2BPSK-Outer\_Full-75 @0-Ant3-26.713-28.020-≤30-PASS

1-N41-PC2-30-30-M-3-DFT-16QAM-Outer\_Full-75 @0-Ant3-26.751-27.960-≤30-PASS



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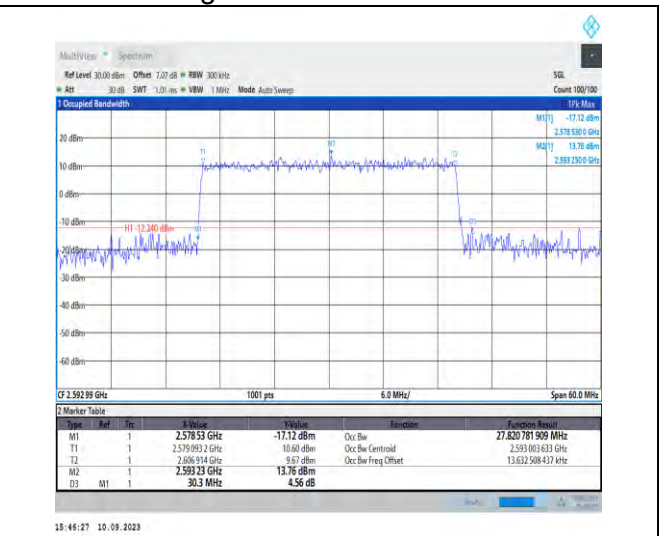
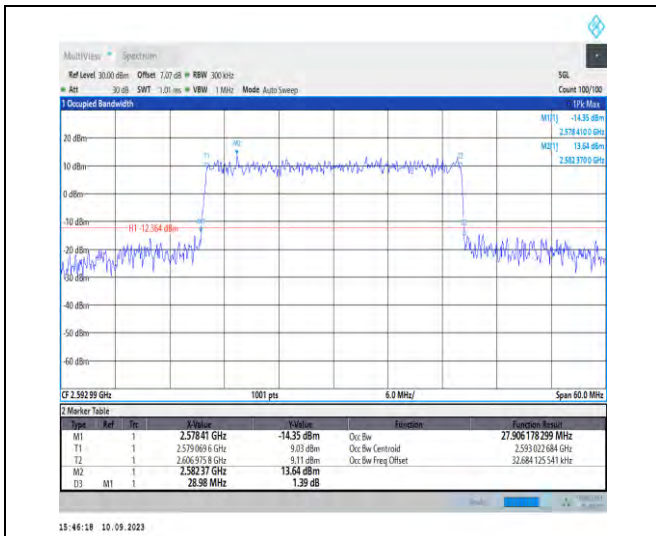
1-N41-PC2-30-30-M-5-DFT-256QAM-Outer\_Full-75 @0-Ant3-26.747-28.080-≤30-PASS



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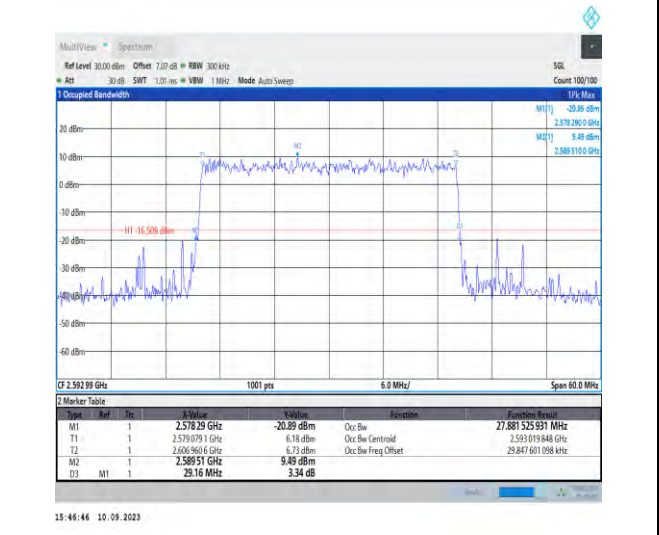
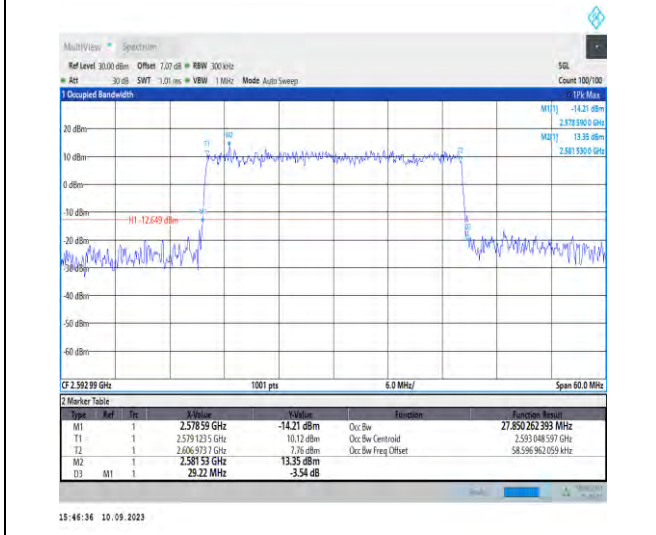
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1-N41-PC2-30-30-M-6-CP-QPSK-Outer\_Full-78@0-Ant3-27.906-28.980-≤30-PASS

1-N41-PC2-30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant3-27.821-30.300-≤30-PASS



1-N41-PC2-30-30-M-8-CP-64QAM-Outer\_Full-78@0-Ant3-27.85-29.220-≤30-PASS

1-N41-PC2-30-30-M-9-CP-256QAM-Outer\_Full-78@0-Ant3-27.882-29.160-≤30-PASS



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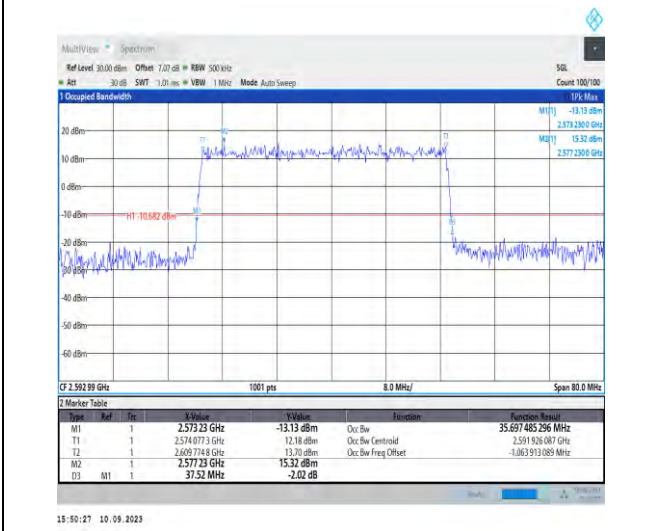
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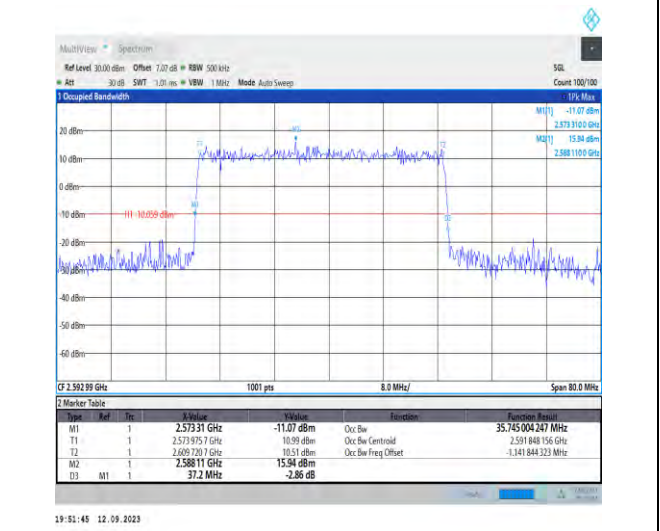
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1-N41-PC2-30-40-M-4-DFT-64QAM-Outer\_Full-100@0-Ant3-35.745-37.200-≤40-PASS



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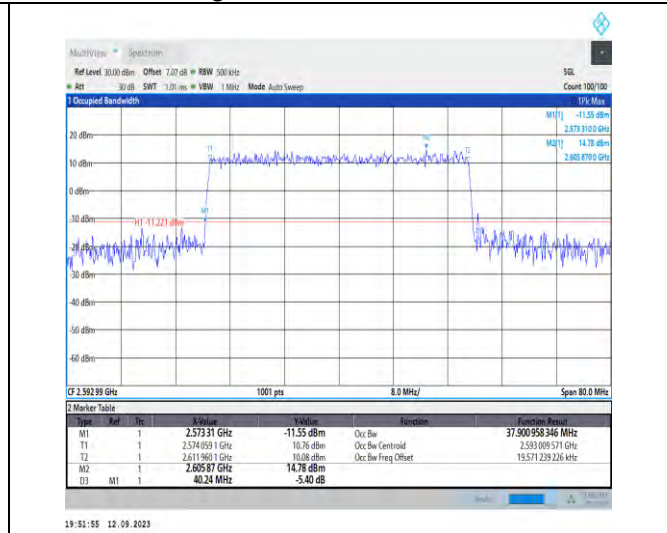
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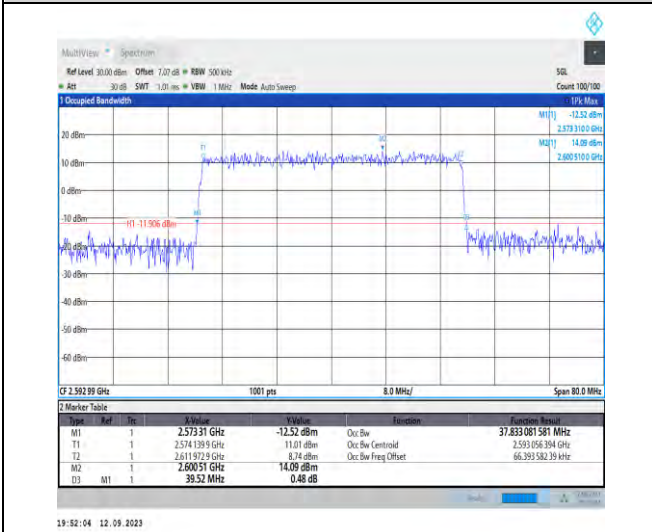
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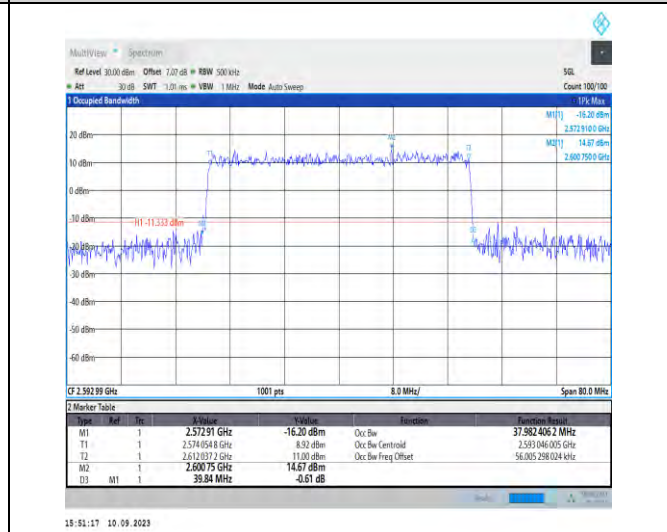
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-Ant3-37.901-40.240-≤40-PASS



1-N41-PC2-30-40-M-7-CP-16QAM-Outer\_Full-106@  
0-Ant3-37.833-39.520-≤40-PASS



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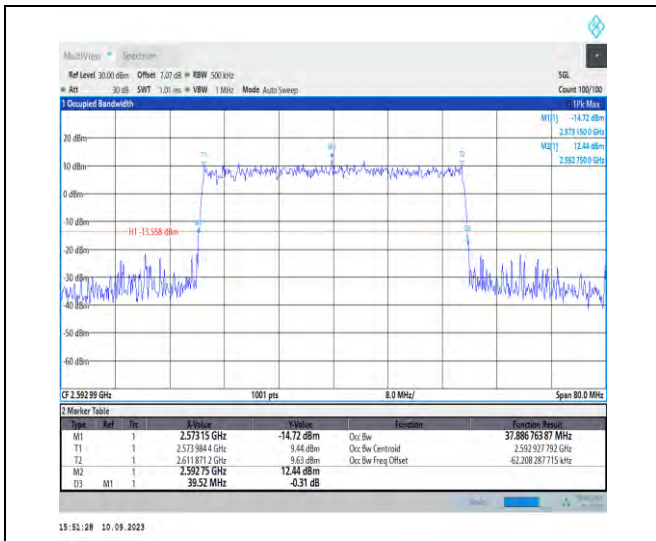


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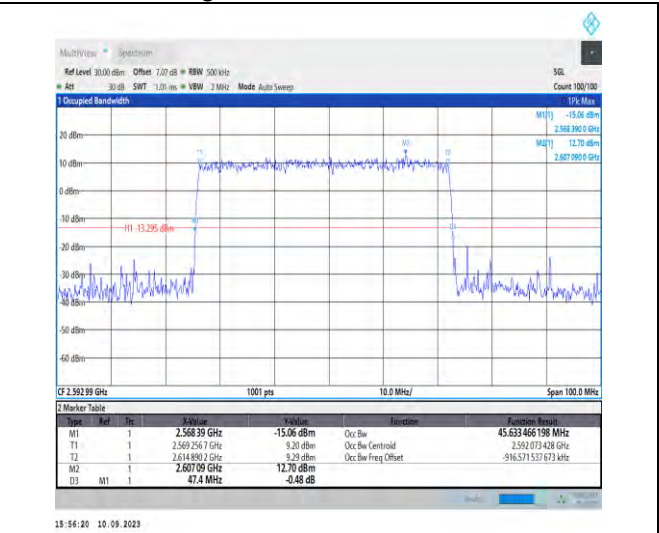
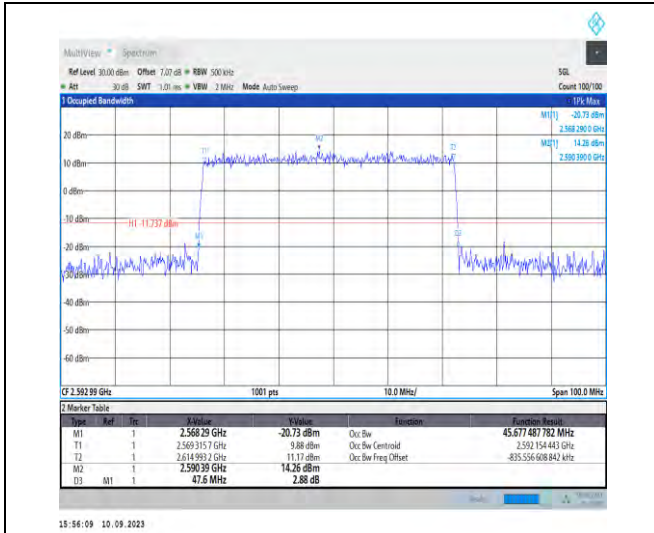
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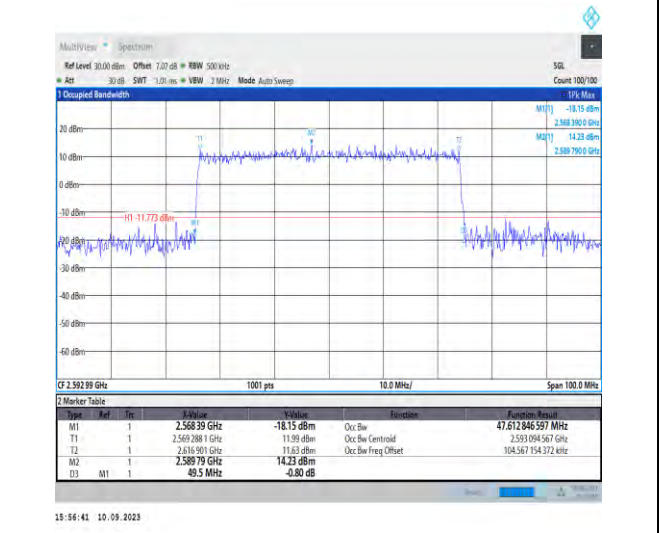
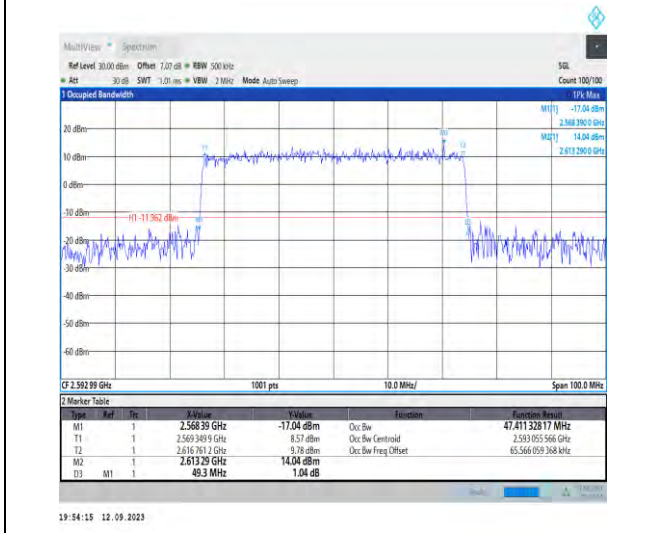
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1-N41-PC2-30-50-M-4-DFT-64QAM-Outer\_Full-128 @0-Ant3-45.677-47.600-≤50-PASS

1-N41-PC2-30-50-M-5-DFT-256QAM-Outer\_Full-128 @0-Ant3-45.633-47.400-≤50-PASS



1-N41-PC2-30-50-M-6-CP-QPSK-Outer\_Full-133@0-Ant3-47.411-49.300-≤50-PASS

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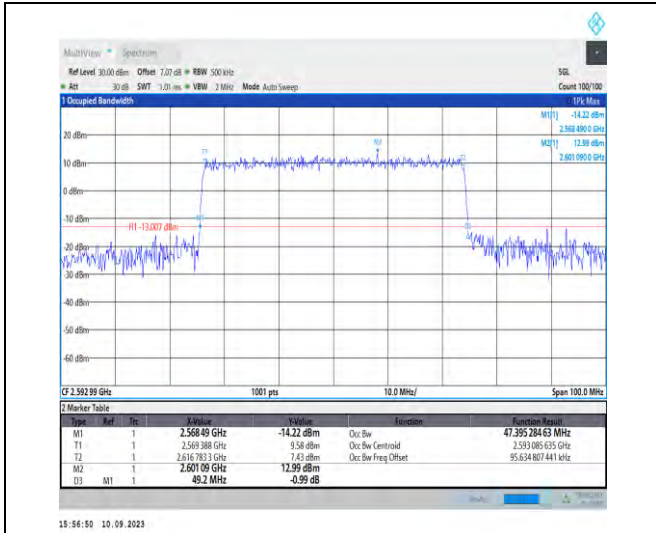


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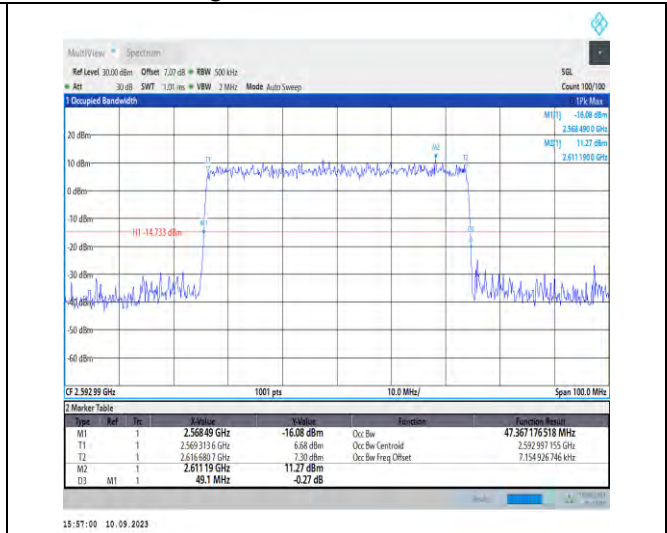
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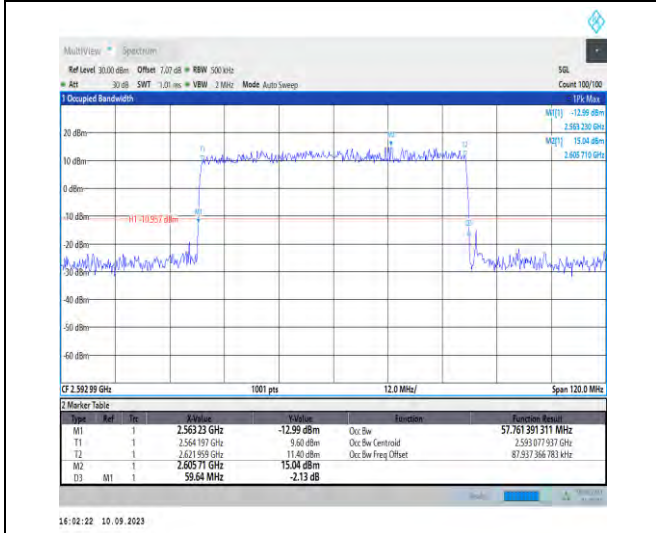




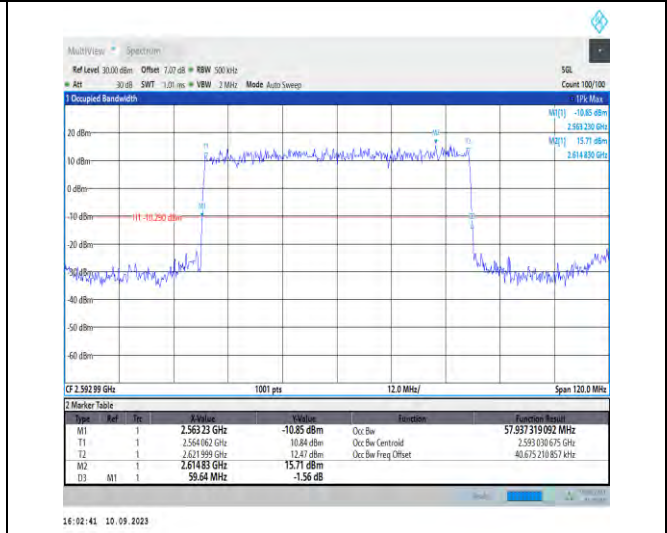
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0-Ant3-47.395-49.200-≤50-PASS



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@0-Ant3-47.367-49.100-≤50-PASS



1-N41-PC2-30-60-M-1-DFT-QPSK-Outer\_Full-162@  
0-Ant3-57.761-59.640-≤60-PASS



1-N41-PC2-30-60-M-2-DFT-PI2BPSK-Outer\_Full-162  
2@0-Ant3-57.937-59.640-≤60-PASS

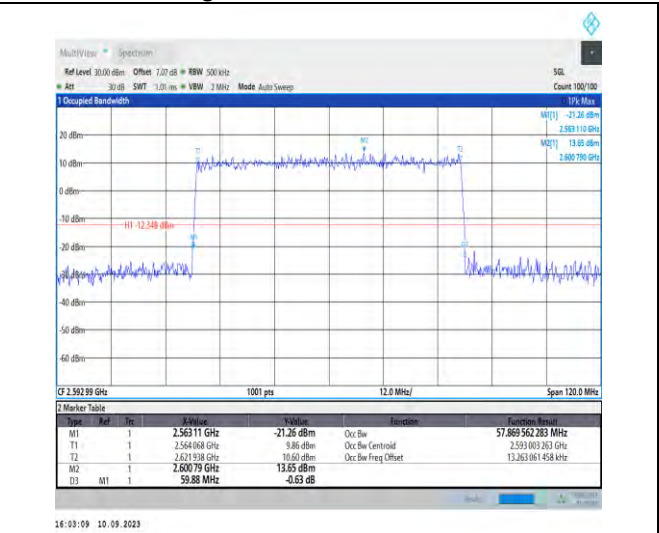
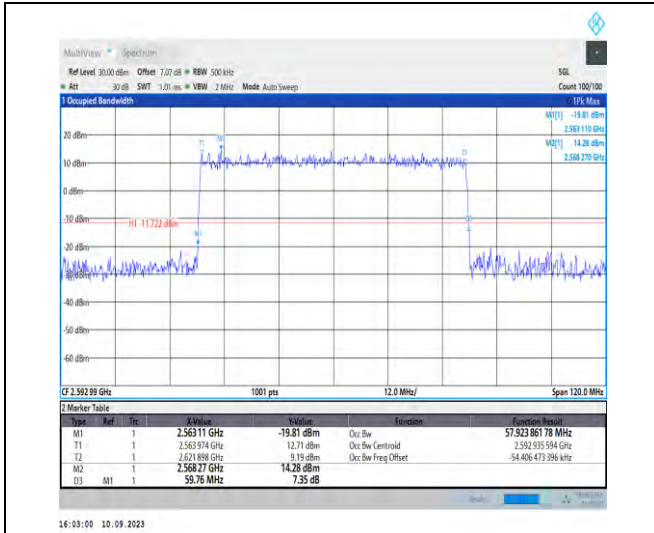


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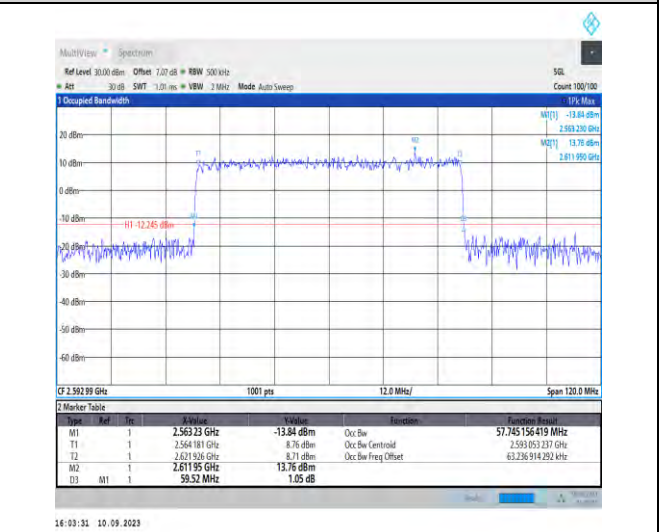
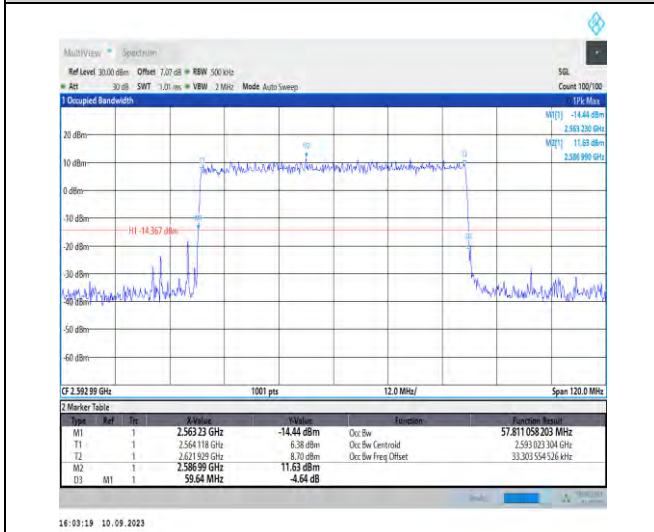
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1-N41-PC2-30-60-M-3-DFT-16QAM-Outer\_Full-162 @0-Ant3-57.924-59.760-≤60-PASS

1-N41-PC2-30-60-M-4-DFT-64QAM-Outer\_Full-162 @0-Ant3-57.87-59.880-≤60-PASS



1-N41-PC2-30-60-M-5-DFT-256QAM-Outer\_Full-162 @0-Ant3-57.811-59.640-≤60-PASS

1-N41-PC2-30-60-M-6-CP-QPSK-Outer\_Full-162@0-Ant3-57.745-59.520-≤60-PASS

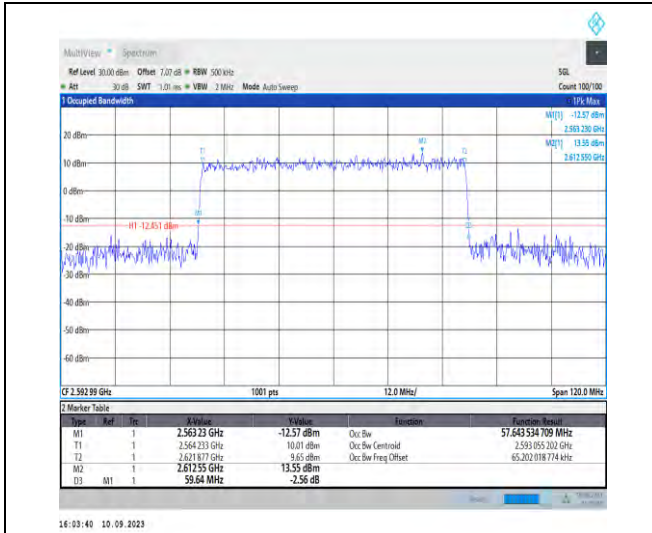


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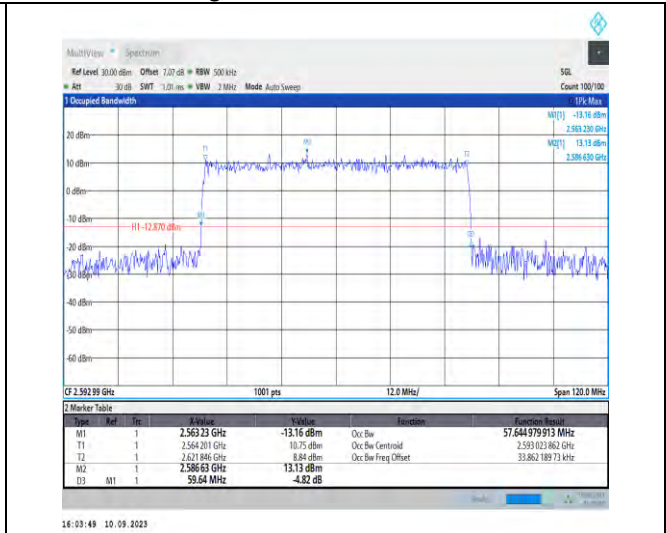
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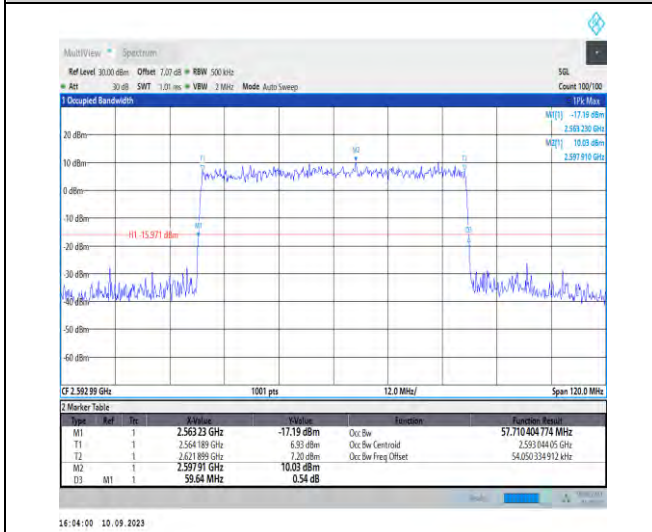
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1-N41-PC2-30-60-M-7-CP-16QAM-Outer\_Full-162@  
0-Ant3-57.644-59.640-≤60-PASS



1-N41-PC2-30-60-M-8-CP-64QAM-Outer\_Full-162@  
0-Ant3-57.645-59.640-≤60-PASS



1-N41-PC2-30-60-M-9-CP-256QAM-Outer\_Full-162  
@0-Ant3-57.71-59.640-≤60-PASS



1-N41-PC2-30-70-M-1-DFT-QPSK-Outer\_Full-180@  
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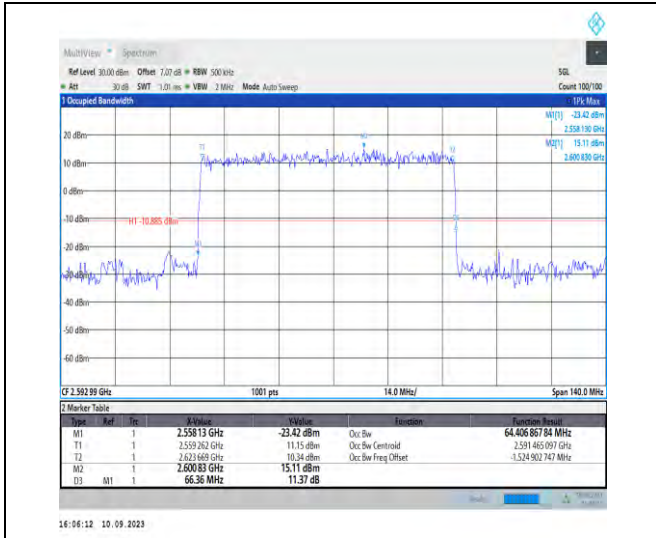


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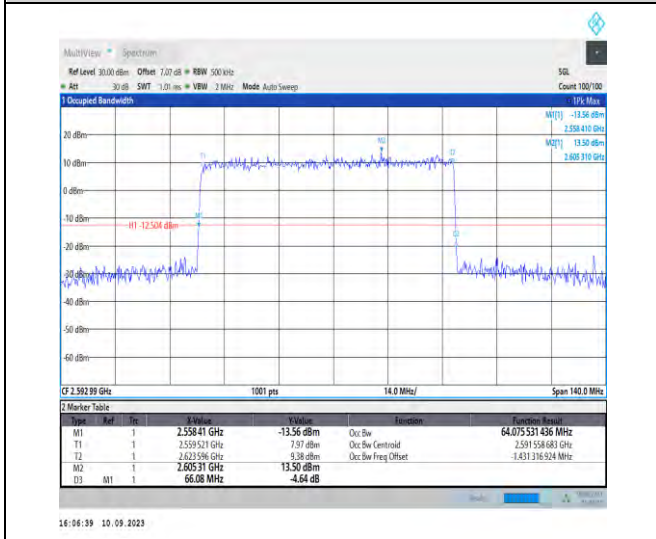
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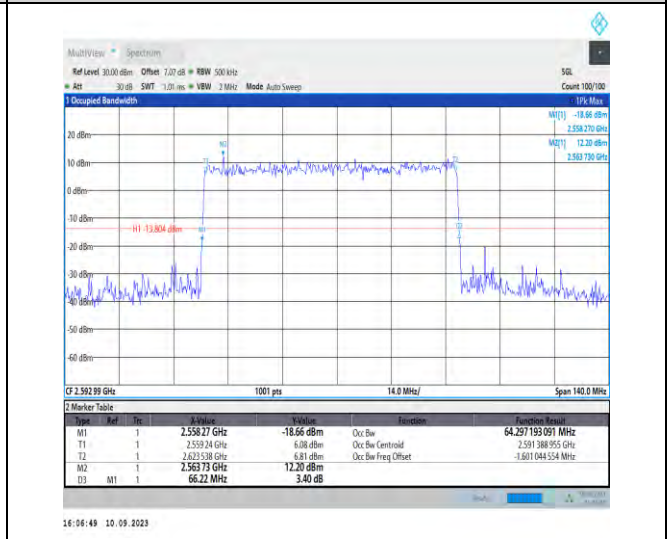
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1-N41-PC2-30-70-M-4-DFT-64QAM-Outer\_Full-180 @0-Ant3-64.076-66.080-≤70-PASS



1-N41-PC2-30-70-M-5-DFT-256QAM-Outer\_Full-180 @0-Ant3-64.297-66.220-≤70-PASS



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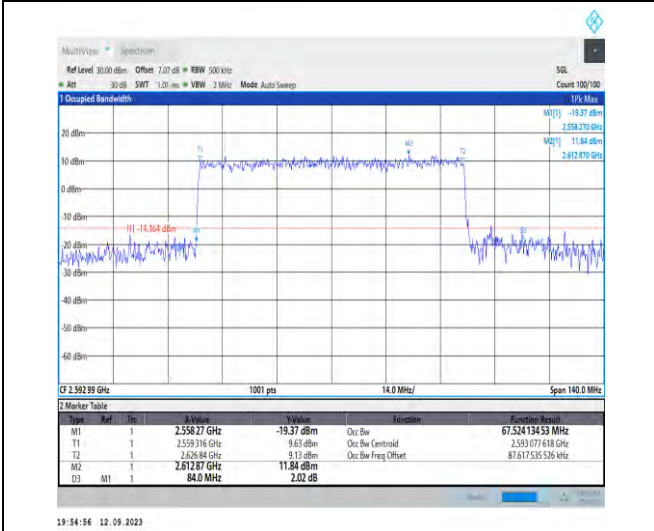
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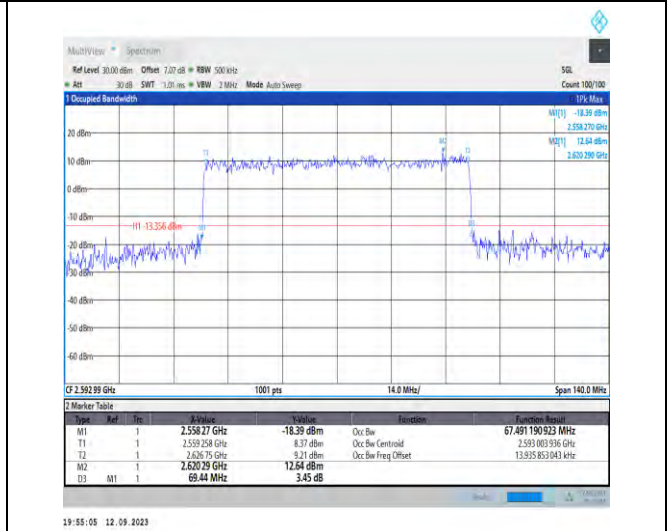
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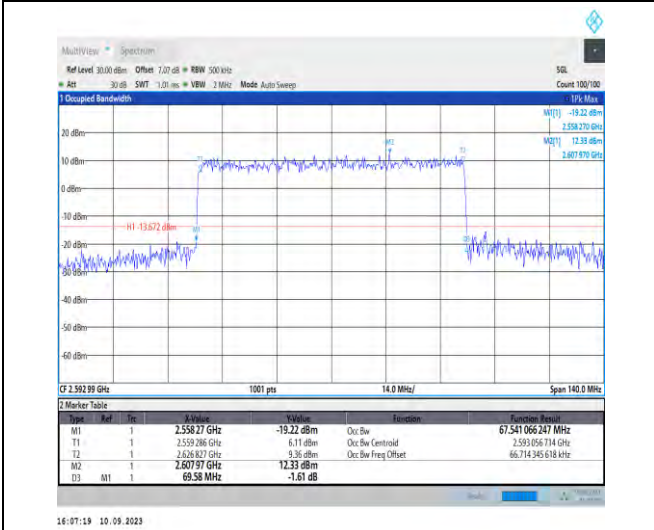
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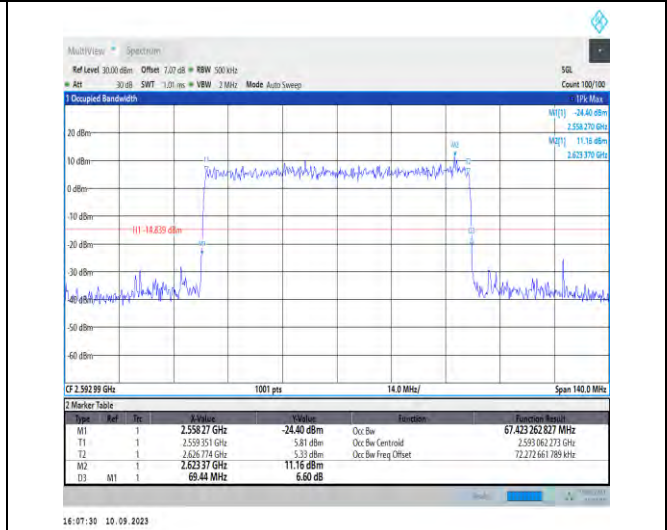
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1-N41-PC2-30-70-M-7-CP-16QAM-Outer\_Full-189@0  
-Ant3-67.491-69.440-≤70-PASS



1-N41-PC2-30-70-M-8-CP-64QAM-Outer\_Full-189@0  
-Ant3-67.541-69.580-≤70-PASS



1-N41-PC2-30-70-M-9-CP-256QAM-Outer\_Full-189@0  
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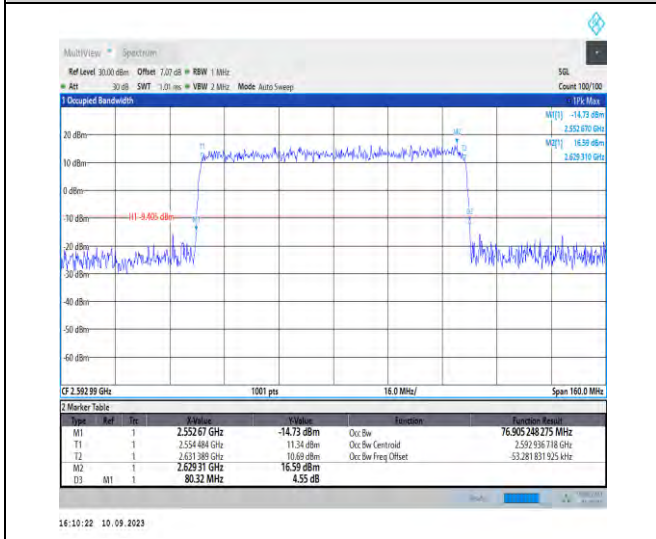
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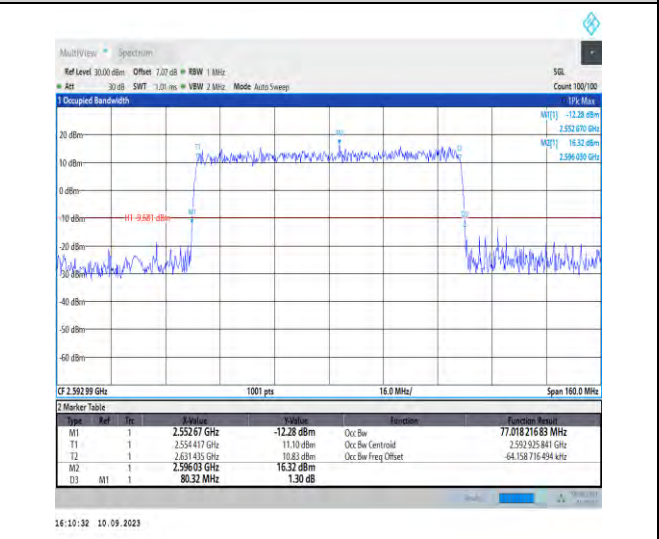
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1-N41-PC2-30-80-M-3-DFT-16QAM-Outer\_Full-216@0-Ant3-76.905-80.320-≤80-PASS



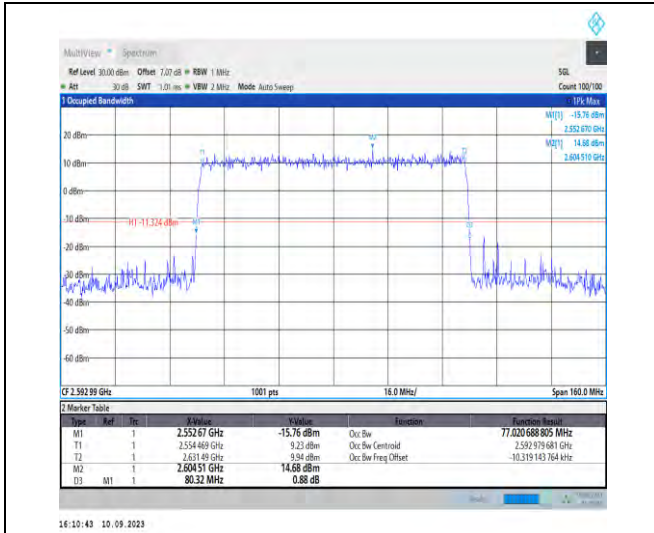
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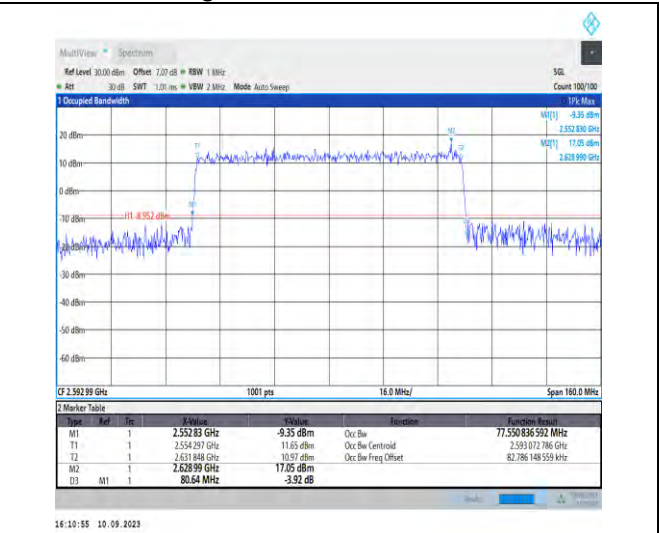
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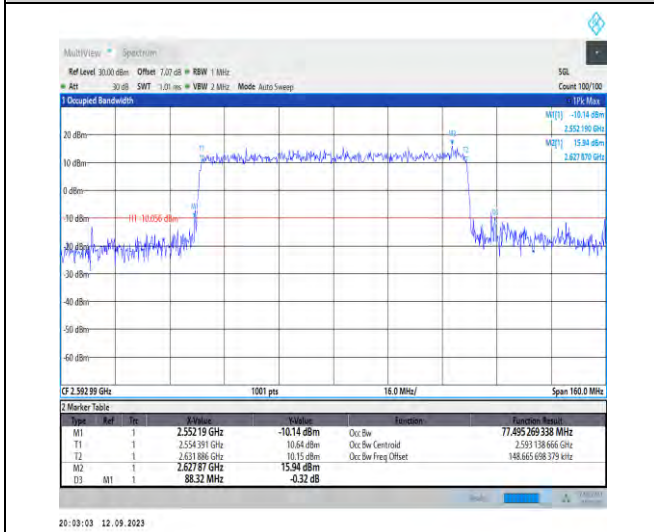
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1-N41-PC2-30-80-M-7-CP-16QAM-Outer\_Full-217@0-Ant3-77.495-88.320-≤80-PASS



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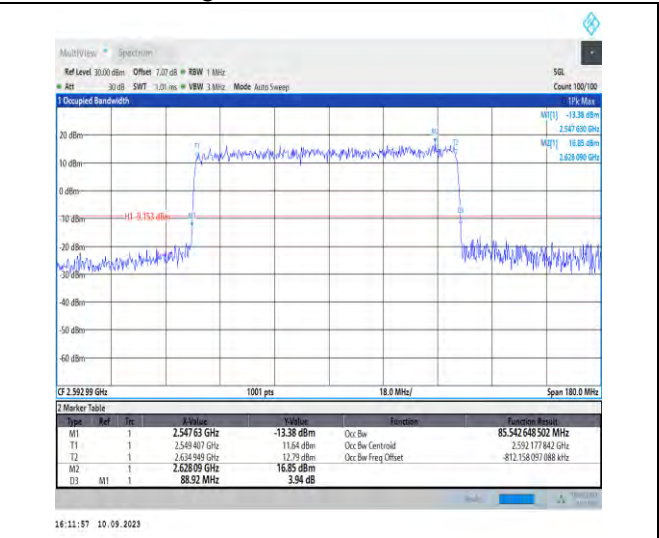
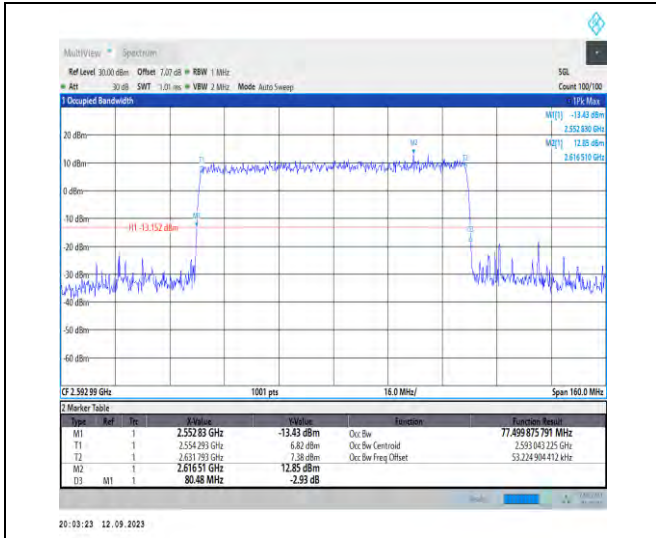


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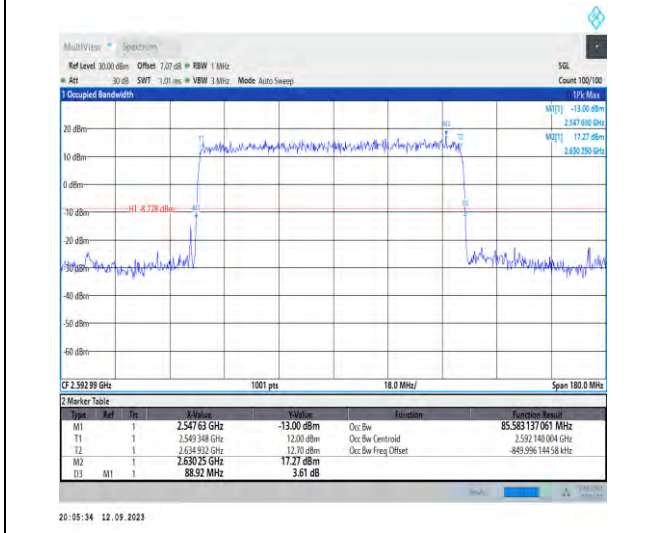
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1-N41-PC2-30-80-M-9-CP-256QAM-Outer\_Full-217 @0-Ant3-77.5-80.480-≤80-PASS

1-N41-PC2-30-90-M-1-DFT-QPSK-Outer\_Full-240 @0-Ant3-85.543-88.920-≤90-PASS



1-N41-PC2-30-90-M-2-DFT-PI2BPSK-Outer\_Full-240 @0-Ant3-85.583-88.920-≤90-PASS

1-N41-PC2-30-90-M-3-DFT-16QAM-Outer\_Full-240 @0-Ant3-85.804-88.920-≤90-PASS



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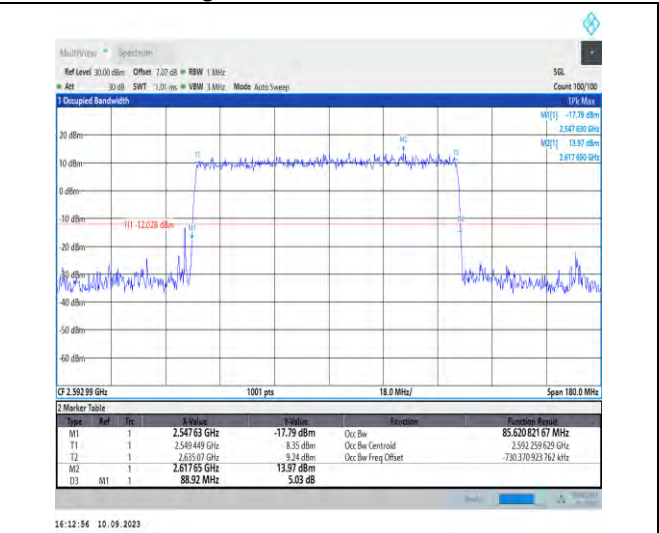
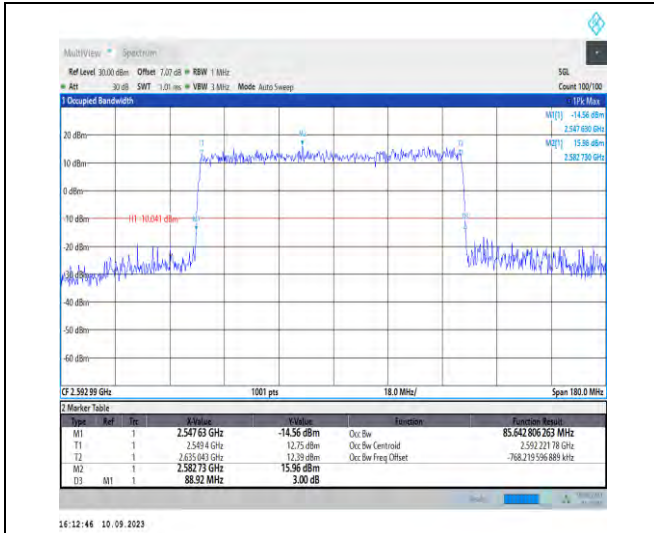
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1-N41-PC2-30-90-M-4-DFT-64QAM-Outer\_Full-240 @0-Ant3-85.643-88.920-≤90-PASS

1-N41-PC2-30-90-M-5-DFT-256QAM-Outer\_Full-240 @0-Ant3-85.621-88.920-≤90-PASS



1-N41-PC2-30-90-M-6-CP-QPSK-Outer\_Full-245@0 -Ant3-87.443-90.720-≤90-PASS

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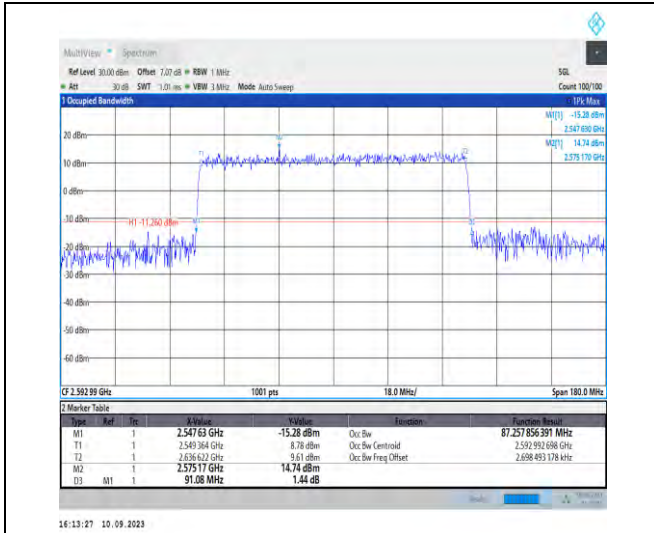


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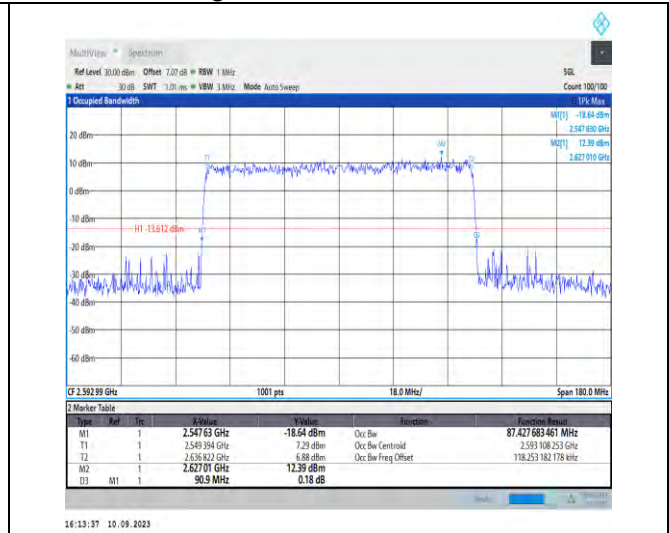
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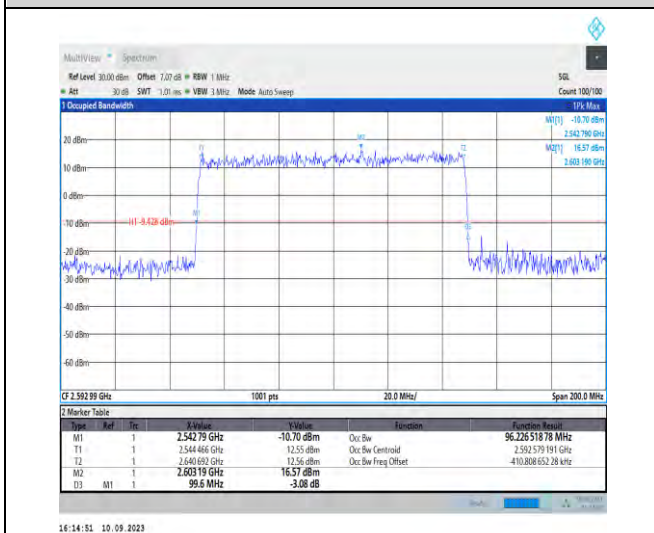
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1-N41-PC2-30-90-M-8-CP-64QAM-Outer\_Full-245@  
0-Ant3-87.258-91.080-≤90-PASS



1-N41-PC2-30-90-M-9-CP-256QAM-Outer\_Full-245  
@0-Ant3-87.428-90.900-≤90-PASS



1-N41-PC2-30-100-M-1-DFT-QPSK-Outer\_Full-270  
@0-Ant3-96.227-99.600-≤100-PASS



1-N41-PC2-30-100-M-2-DFT-PI2BPSK-Outer\_Full-2  
70@0-Ant3-96.401-99.600-≤100-PASS

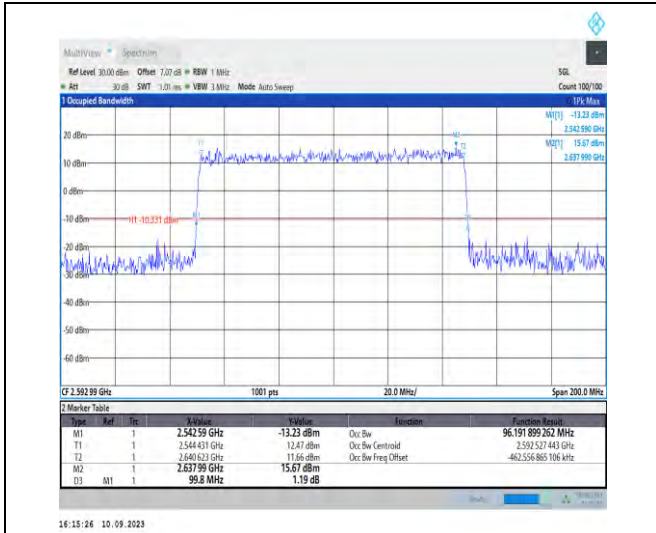


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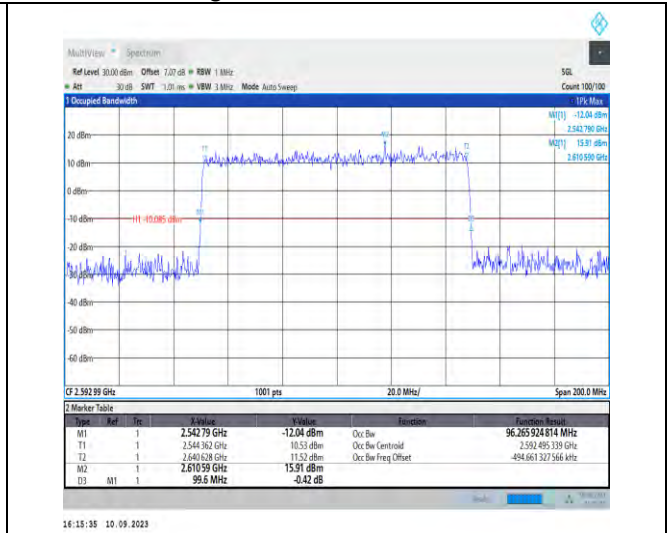
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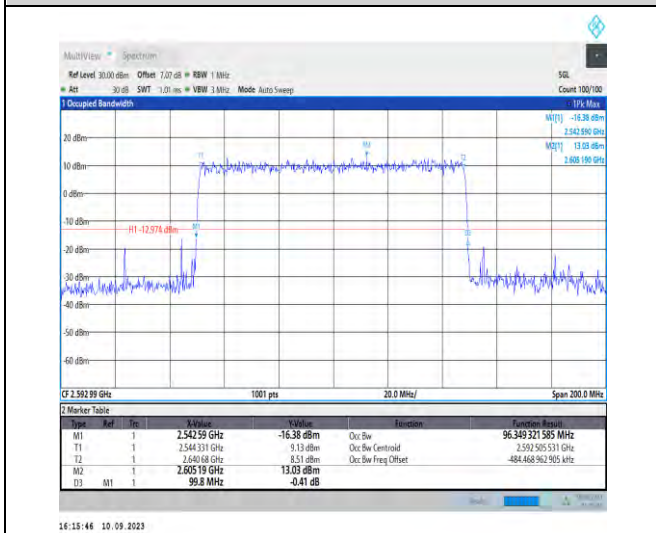
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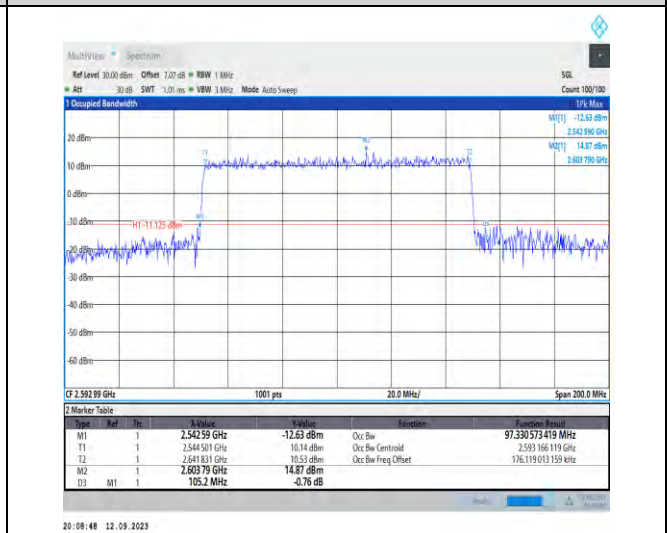
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1-N41-PC2-30-100-M-4-DFT-64QAM-Outer\_Full-270 @0-Ant3-96.266-99.600-≤100-PASS



1-N41-PC2-30-100-M-5-DFT-256QAM-Outer\_Full-270 @0-Ant3-96.349-99.800-≤100-PASS



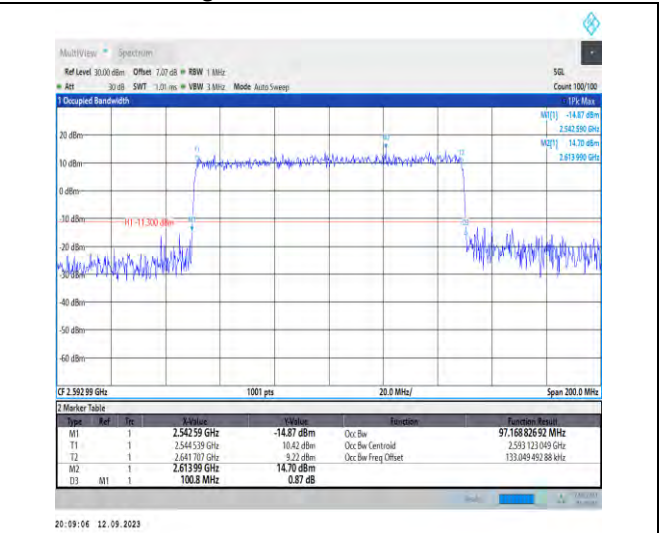
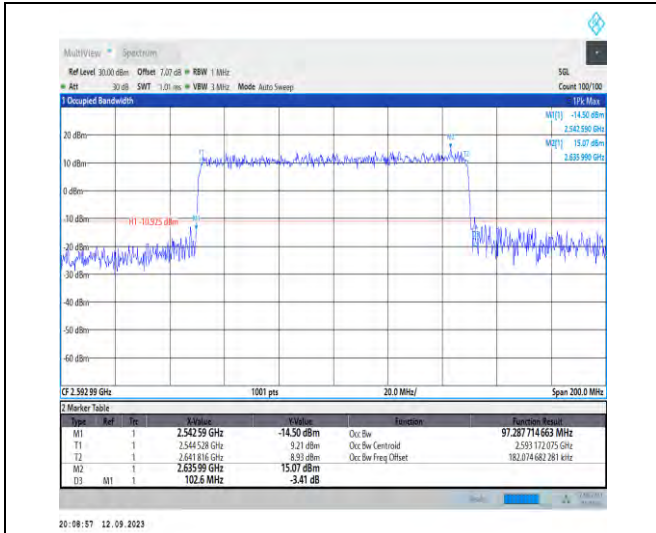
1-N41-PC2-30-100-M-6-CP-QPSK-Outer\_Full-273 @0-Ant3-97.331-105.200-≤100-PASS



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1-N41-PC2-30-100-M-7-CP-16QAM-Outer\_Full-273  
@0-Ant3-97.288-102.600-≤100-PASS

1-N41-PC2-30-100-M-8-CP-64QAM-Outer\_Full-273  
@0-Ant3-97.169-100.800-≤100-PASS



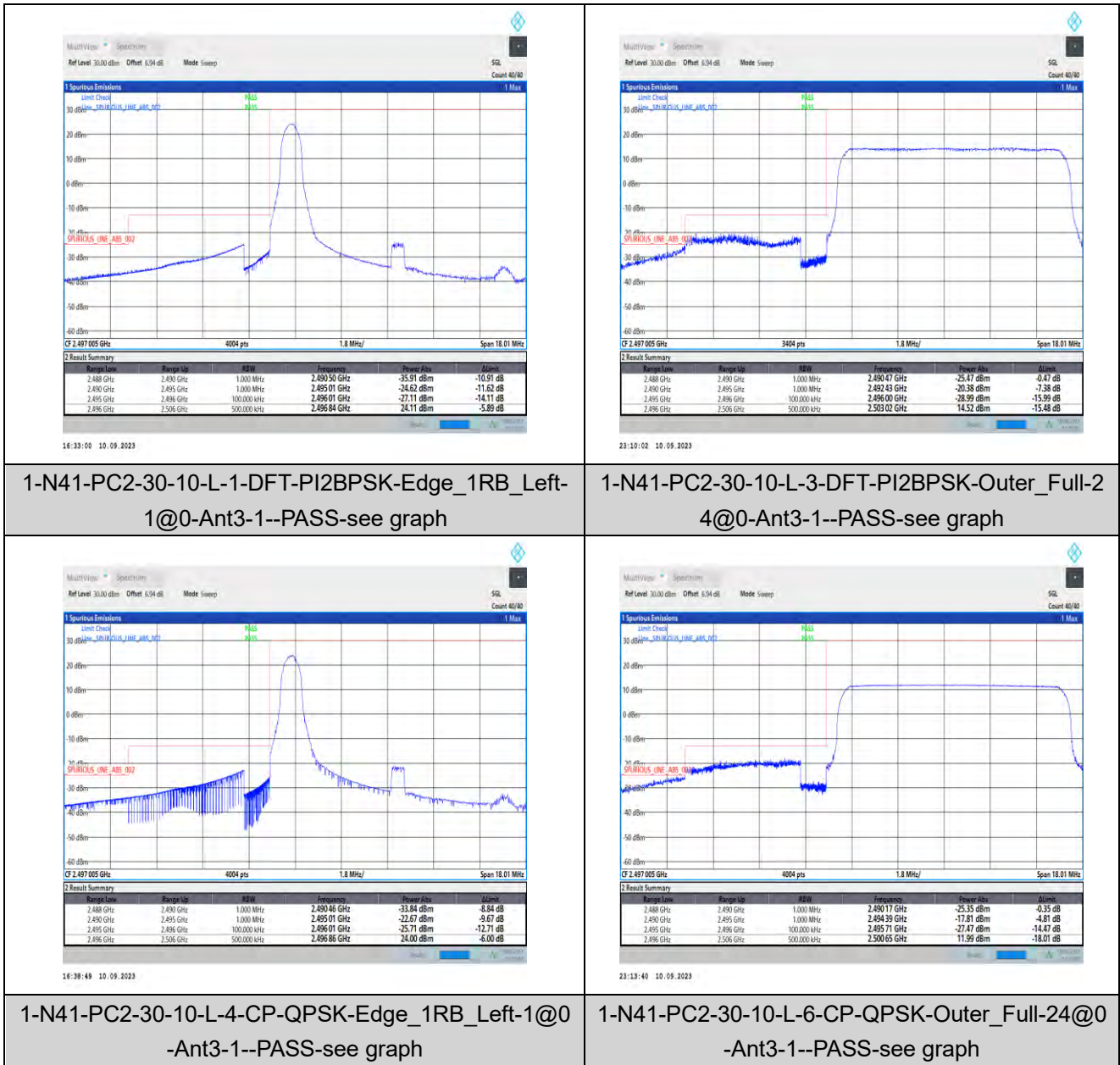
1-N41-PC2-30-100-M-9-CP-256QAM-Outer\_Full-27  
3@0-Ant3-97.354-100.800-≤100-PASS

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## Band Edge for SA

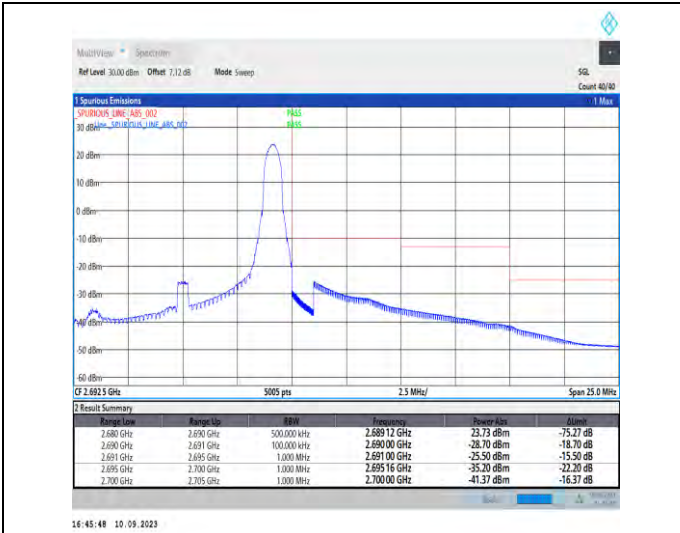
### Test Graphs



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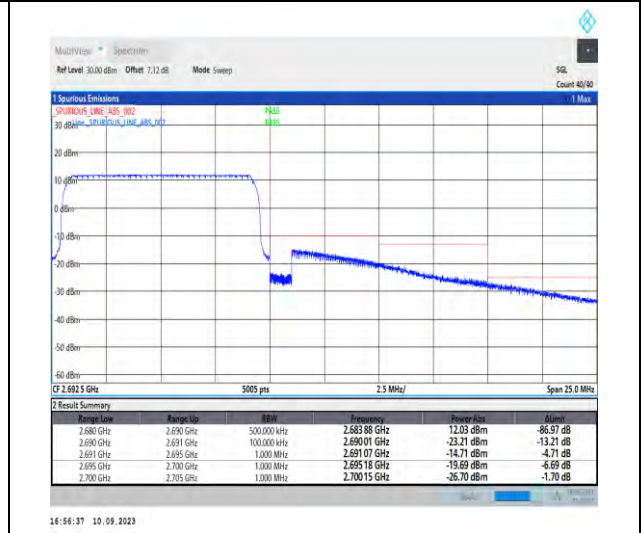
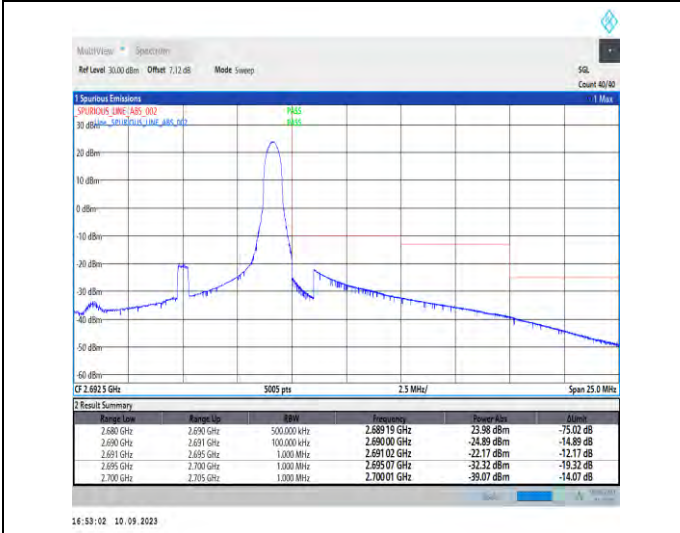
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1-N41-PC2-30-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@23-Ant3-1--PASS-see graph

1-N41-PC2-30-10-H-3-DFT-PI2BPSK-Outer\_Full-2 4@0-Ant3-1--PASS-see graph



1-N41-PC2-30-10-H-5-CP-QPSK-Edge\_1RB\_Righ t-1 @23-Ant3-1--PASS-see graph

1-N41-PC2-30-10-H-6-CP-QPSK-Outer\_Full-24 @0-Ant3-1--PASS-see graph



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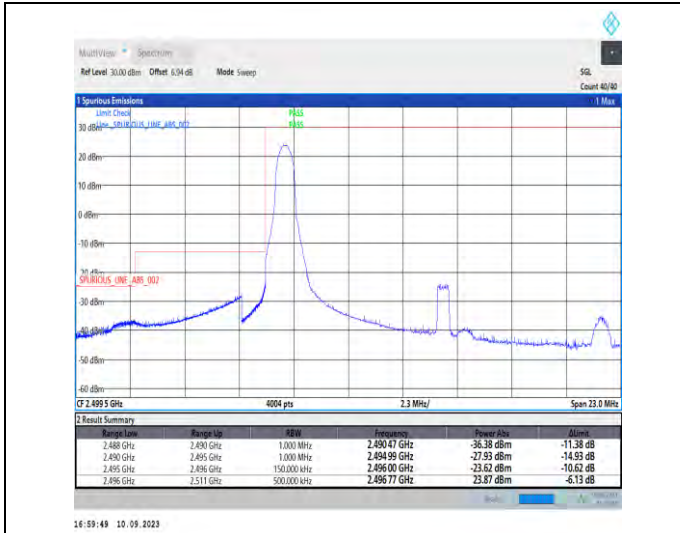
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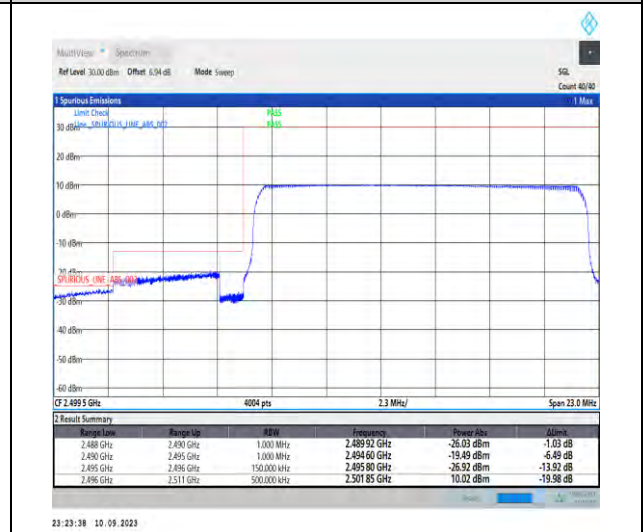
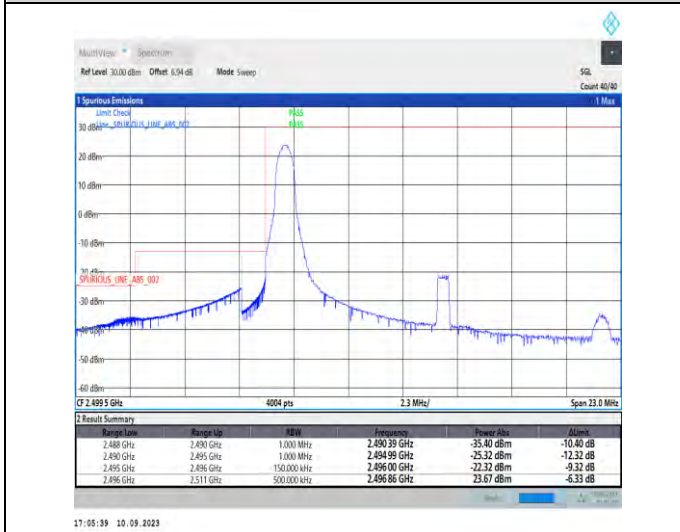
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1-N41-PC2-30-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-15-L-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant3-1--PASS-see graph



1-N41-PC2-30-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-15-L-6-CP-QPSK-Outer\_Full-38@0-Ant3-1--PASS-see graph

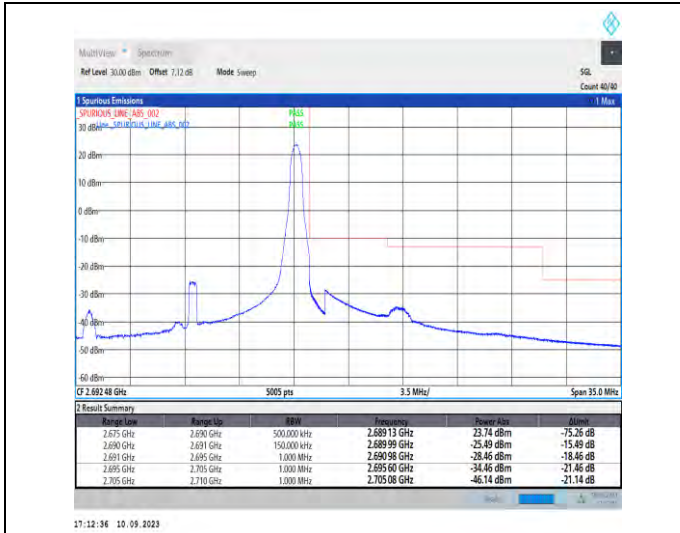


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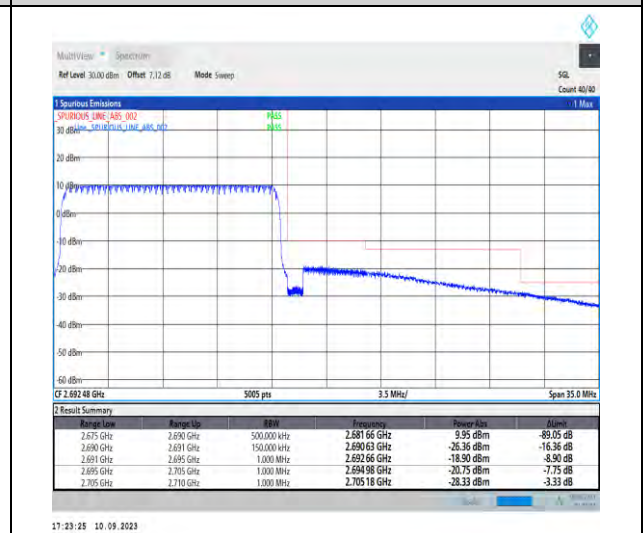
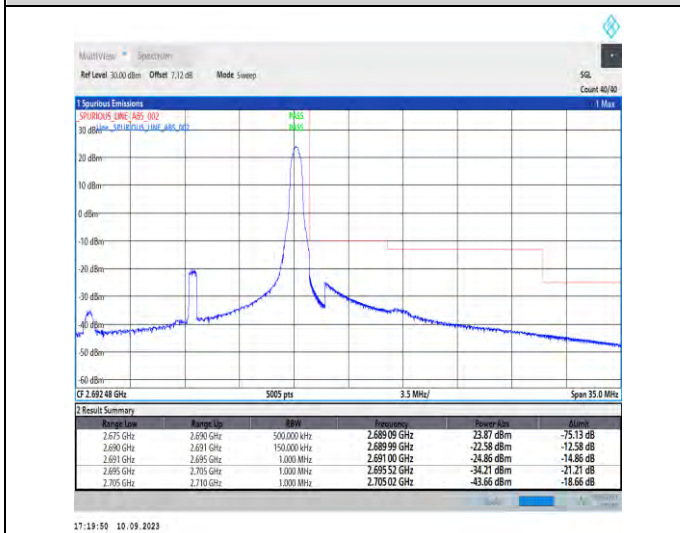
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1-N41-PC2-30-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@37-Ant3-1--PASS-see graph

1-N41-PC2-30-15-H-3-DFT-PI2BPSK-Outer\_Full-3 6@0-Ant3-1--PASS-see graph



1-N41-PC2-30-15-H-5-CP-QPSK-Edge\_1RB\_Right-1 @37-Ant3-1--PASS-see graph

1-N41-PC2-30-15-H-6-CP-QPSK-Outer\_Full-38@ 0-Ant3-1--PASS-see graph



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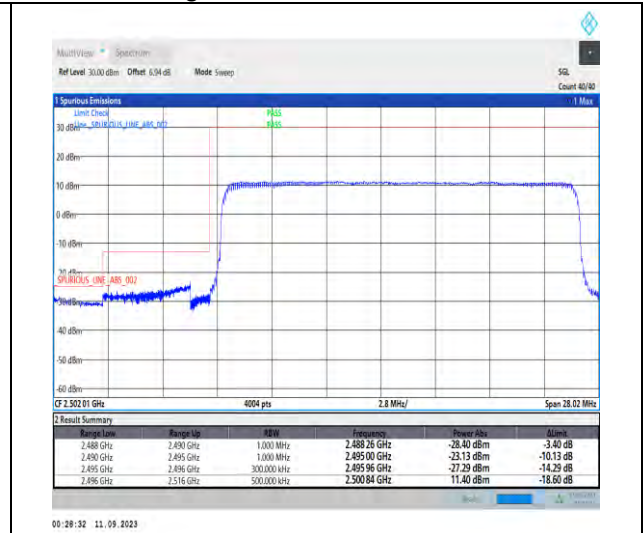
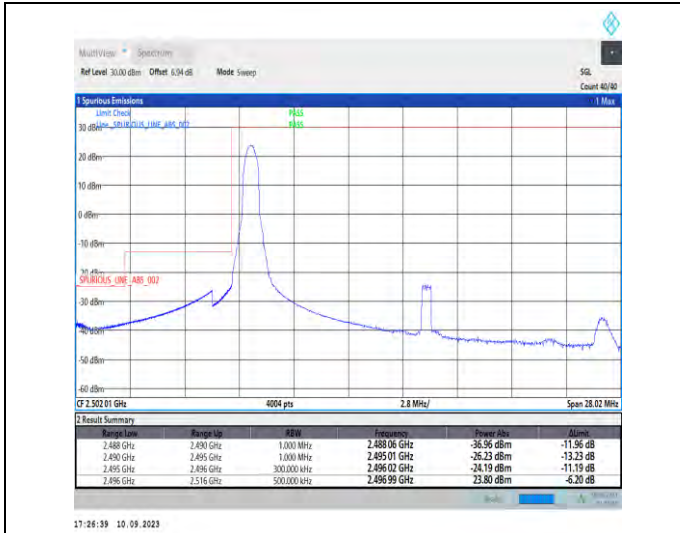
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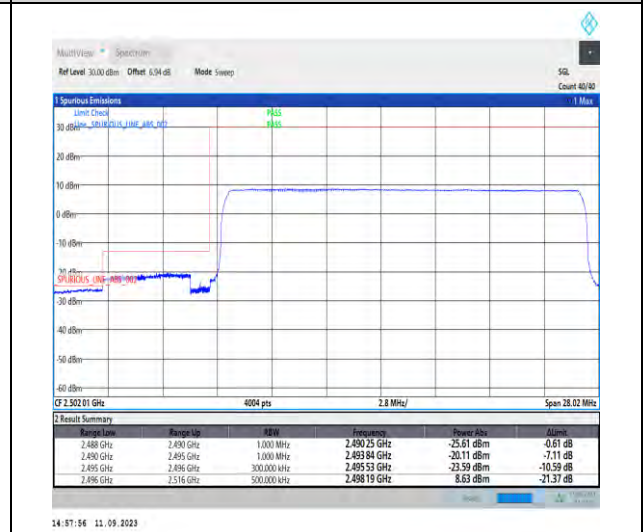
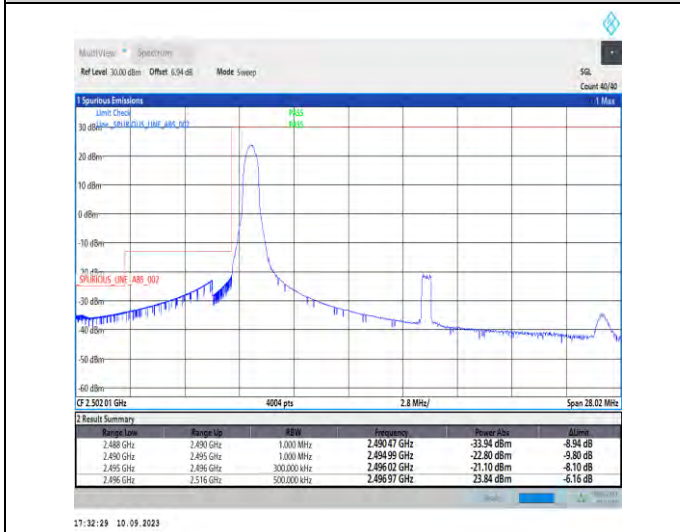
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1-N41-PC2-30-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-20-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant3-1--PASS-see graph



1-N41-PC2-30-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant3-1--PASS-see graph

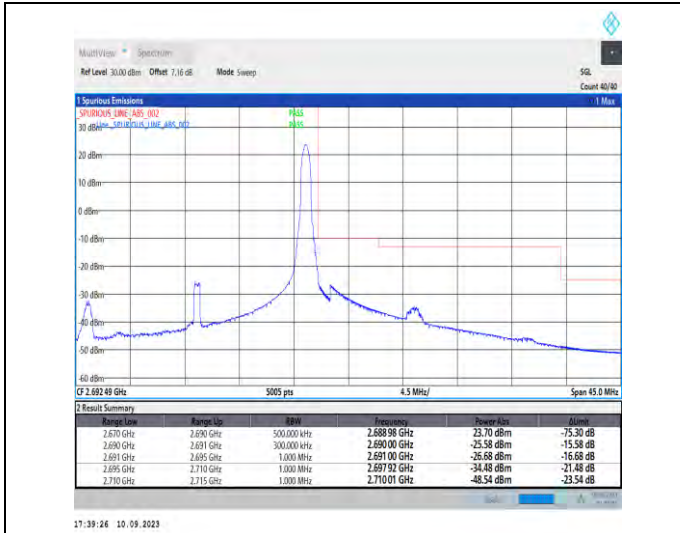


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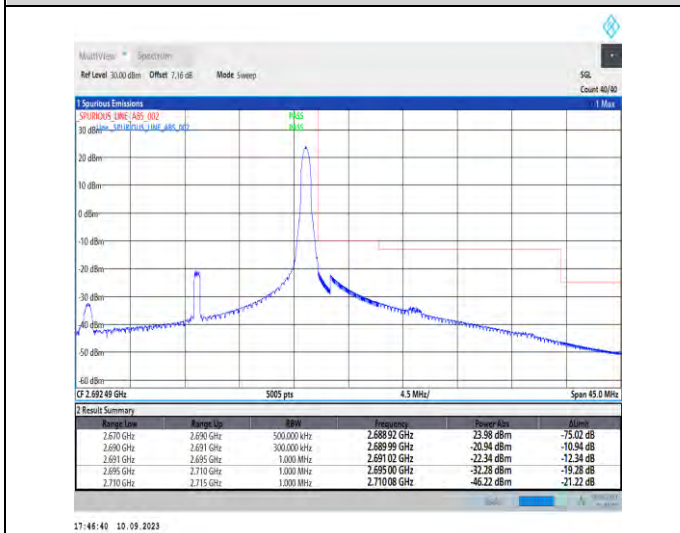
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1-N41-PC2-30-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@50-Ant3-1--PASS-see graph

1-N41-PC2-30-20-H-3-DFT-PI2BPSK-Outer\_Full-5 0@0-Ant3-1--PASS-see graph



1-N41-PC2-30-20-H-5-CP-QPSK-Edge\_1RB\_Right-1 @50-Ant3-1--PASS-see graph

1-N41-PC2-30-20-H-6-CP-QPSK-Outer\_Full-51@ 0-Ant3-1--PASS-see graph

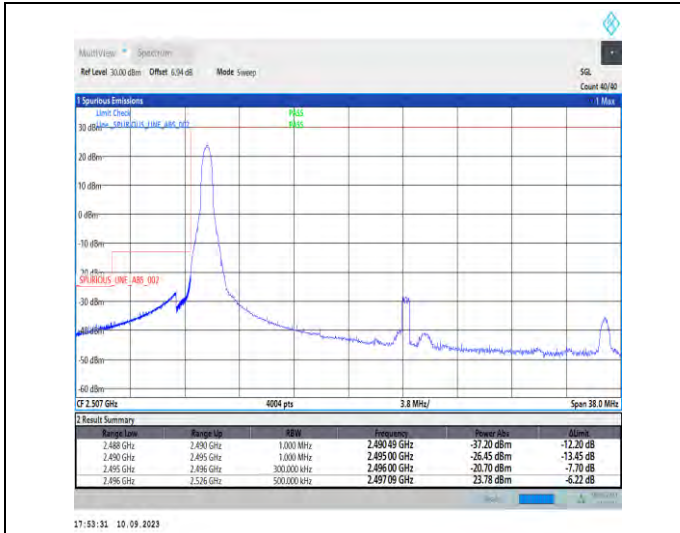


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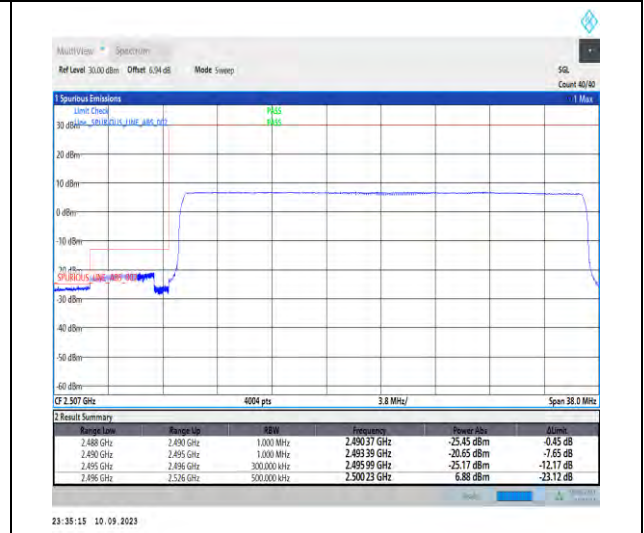
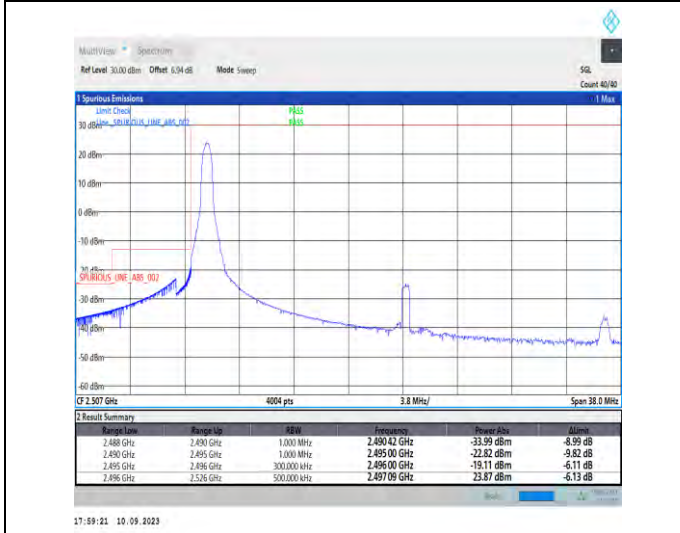
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1-N41-PC2-30-30-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-30-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant3-1--PASS-see graph



1-N41-PC2-30-30-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant3-1--PASS-see graph

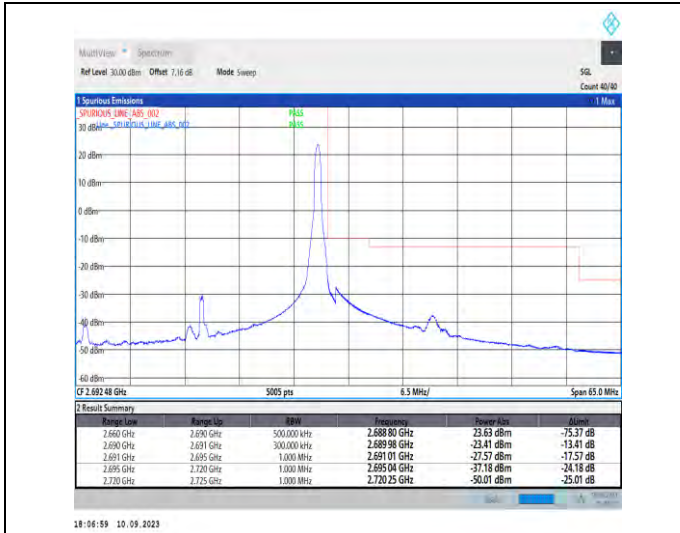


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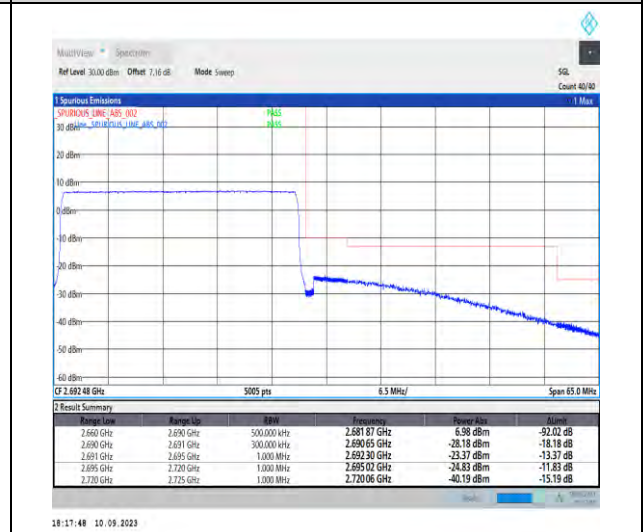
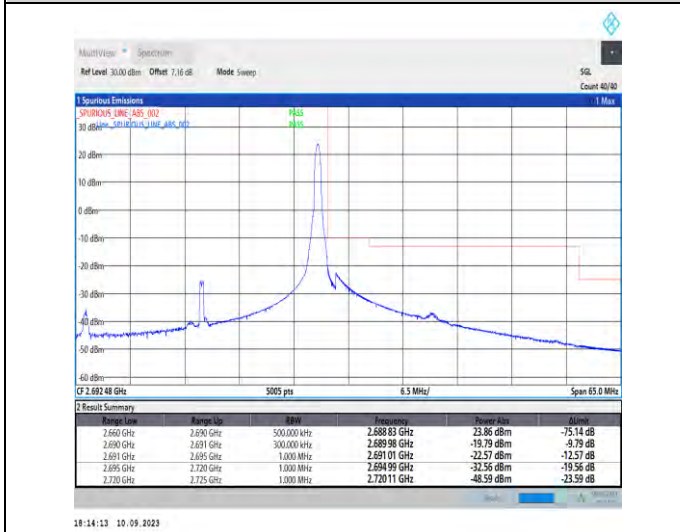
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1-N41-PC2-30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@77-Ant3-1--PASS-see graph

1-N41-PC2-30-30-H-3-DFT-PI2BPSK-Outer\_Full-7 5@0-Ant3-1--PASS-see graph



1-N41-PC2-30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1 @77-Ant3-1--PASS-see graph

1-N41-PC2-30-30-H-6-CP-QPSK-Outer\_Full-78@ 0-Ant3-1--PASS-see graph



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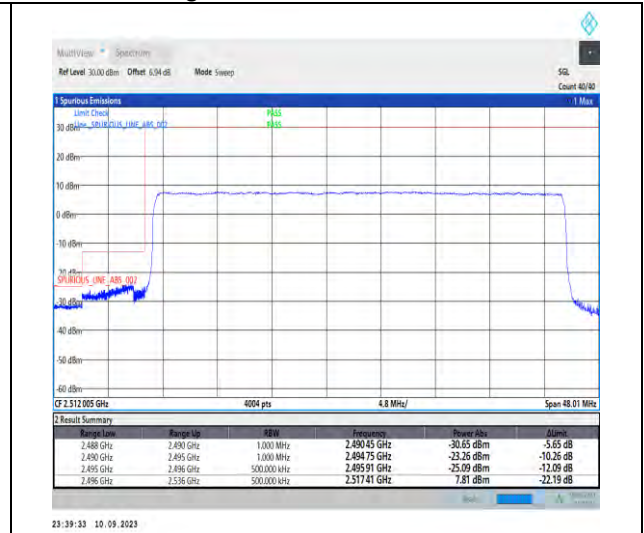
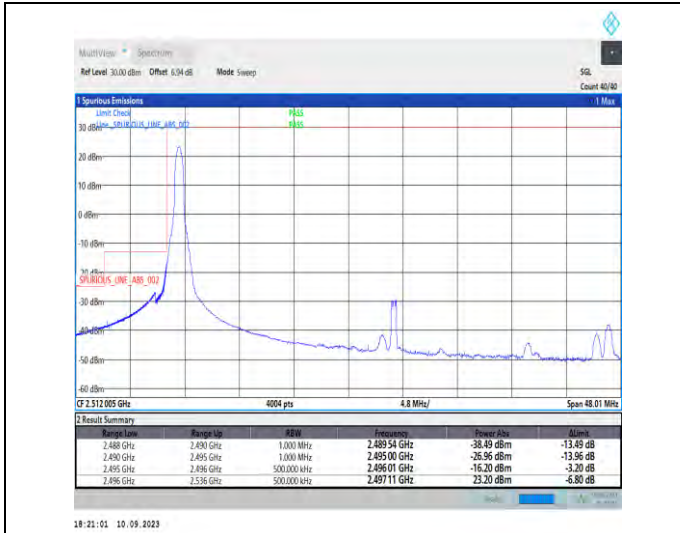
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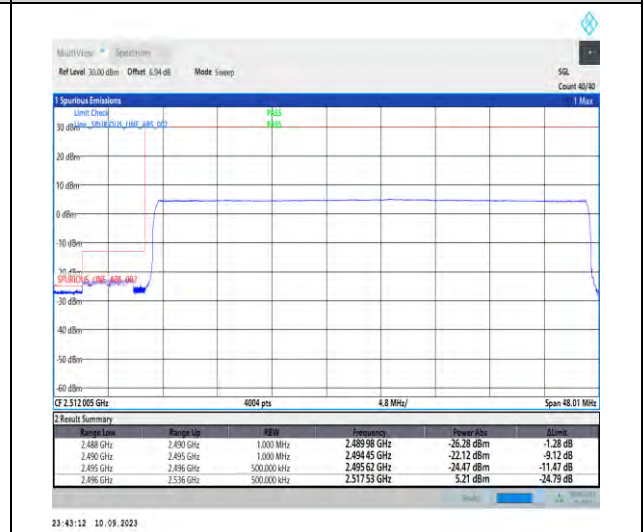
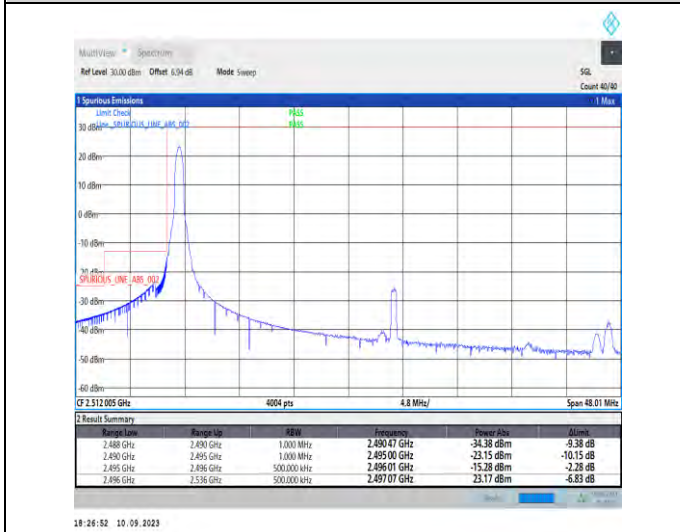
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1-N41-PC2-30-40-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-40-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant3-1--PASS-see graph



1-N41-PC2-30-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant3-1--PASS-see graph

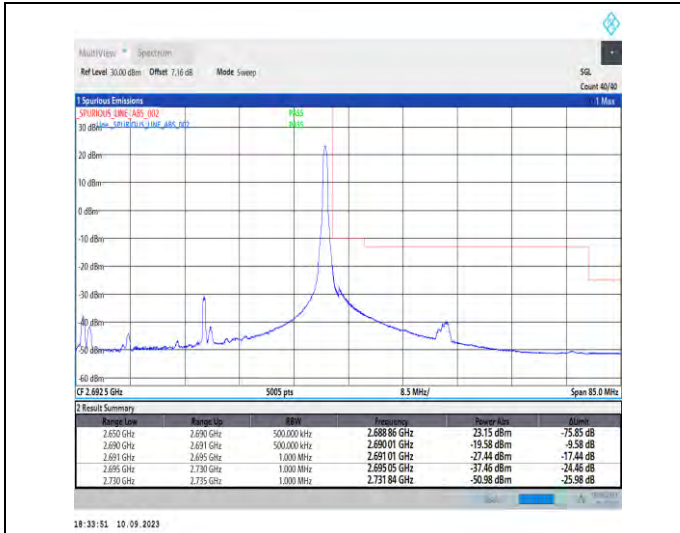


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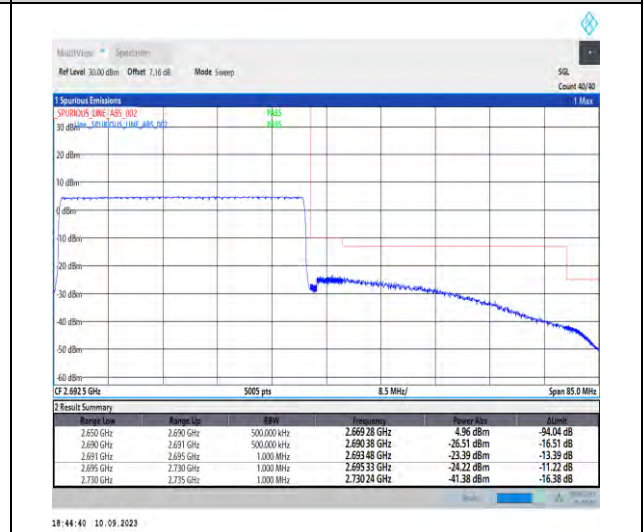
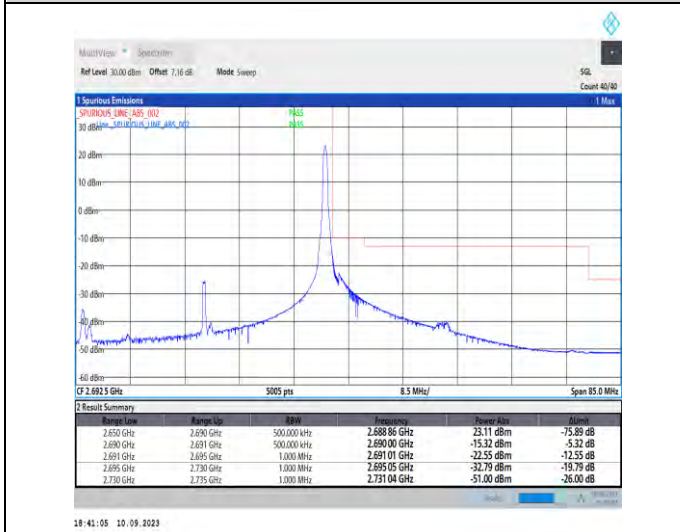
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1-N41-PC2-30-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@105-Ant3-1--PASS-see graph

1-N41-PC2-30-40-H-3-DFT-PI2BPSK-Outer\_Full-1 00@0-Ant3-1--PASS-see graph



1-N41-PC2-30-40-H-5-CP-QPSK-Edge\_1RB\_Right-1 @105-Ant3-1--PASS-see graph

1-N41-PC2-30-40-H-6-CP-QPSK-Outer\_Full-106 @0-Ant3-1--PASS-see graph

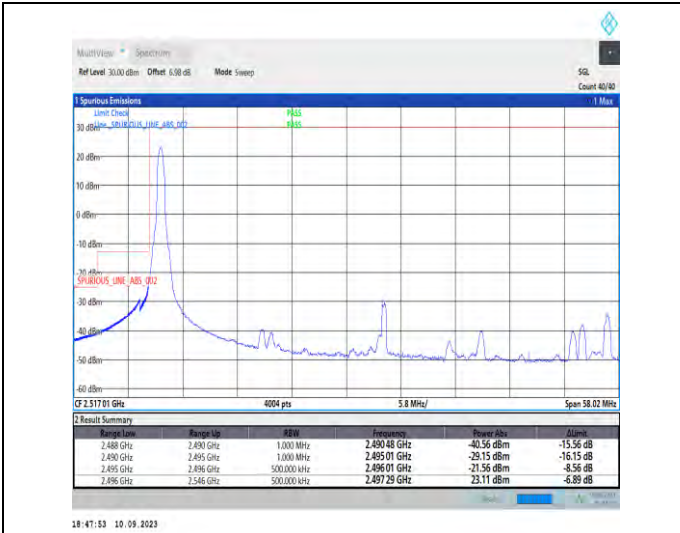


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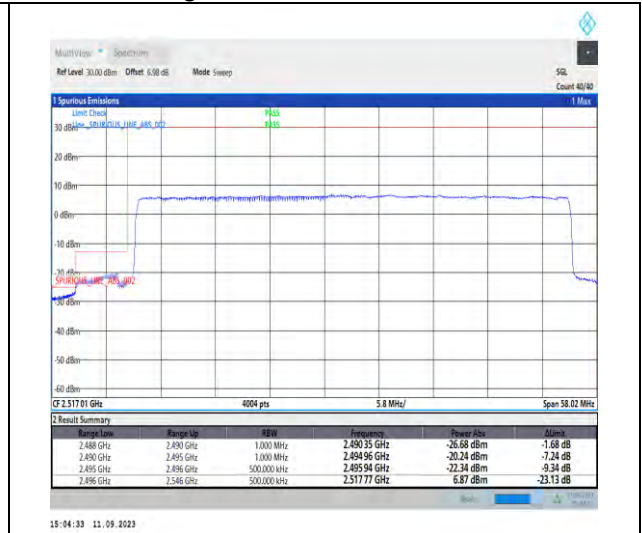
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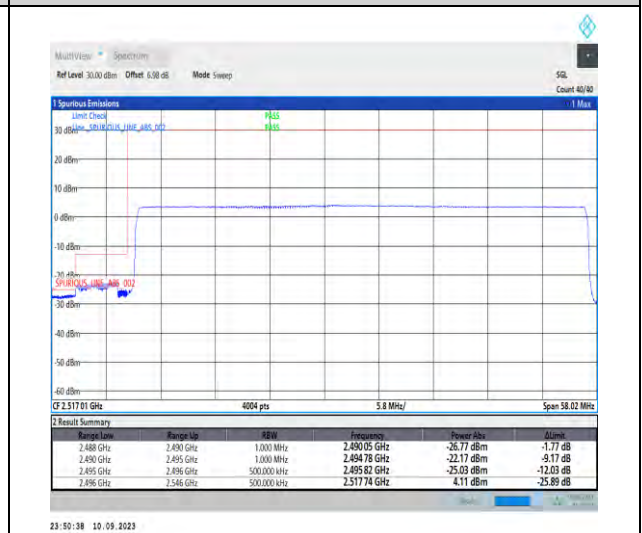
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1-N41-PC2-30-50-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph



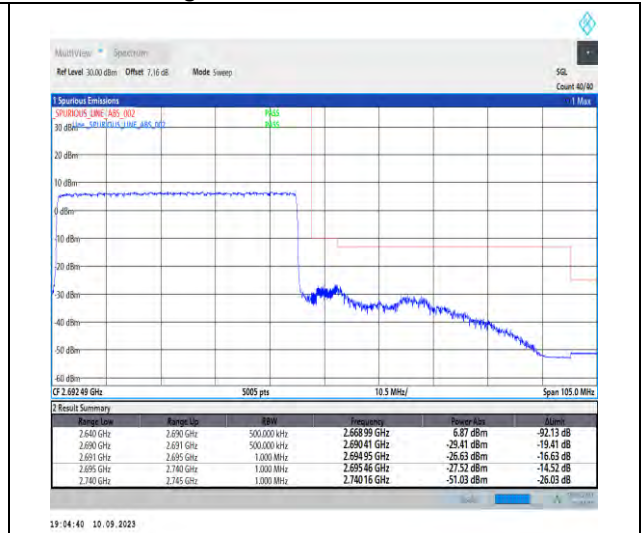
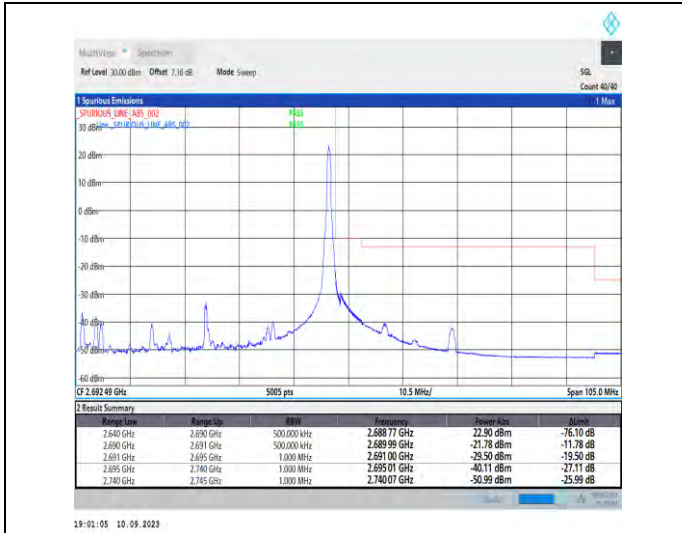
1-N41-PC2-30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant3-1--PASS-see graph



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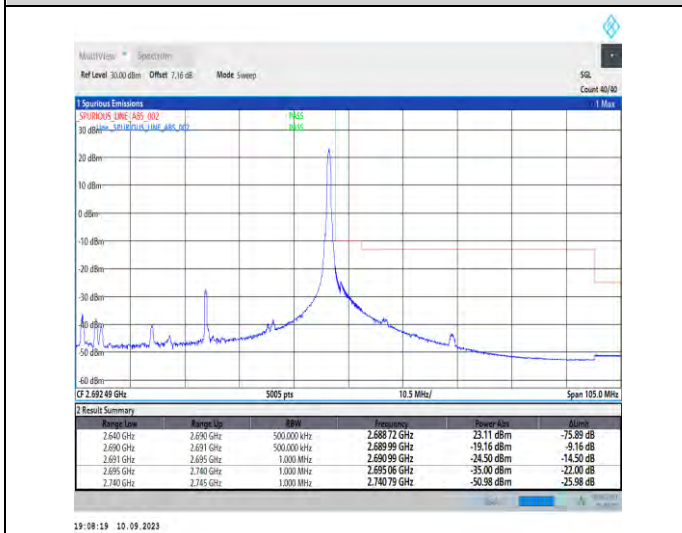
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1-N41-PC2-30-50-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@132-Ant3-1--PASS-see graph

1-N41-PC2-30-50-H-3-DFT-PI2BPSK-Outer\_Full-1 28@0-Ant3-1--PASS-see graph



1-N41-PC2-30-50-H-5-CP-QPSK-Edge\_1RB\_Right-1 @132-Ant3-1--PASS-see graph

1-N41-PC2-30-50-H-6-CP-QPSK-Outer\_Full-133 @0-Ant3-1--PASS-see graph



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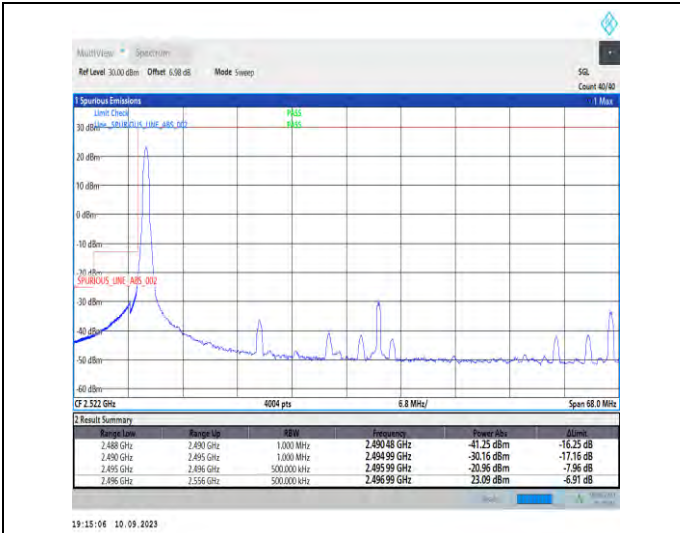
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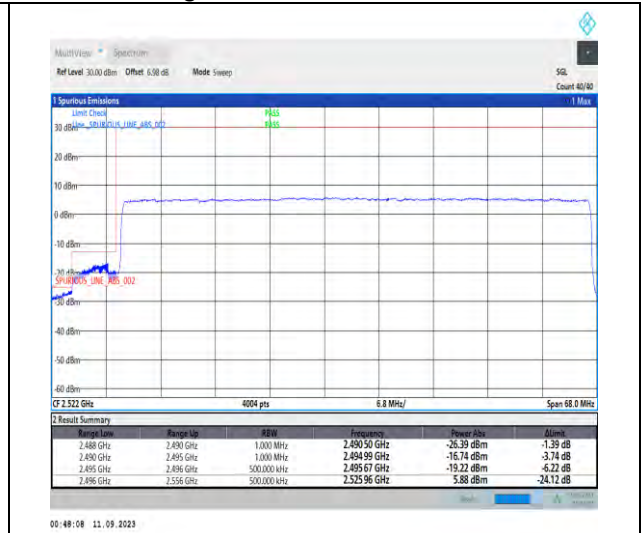
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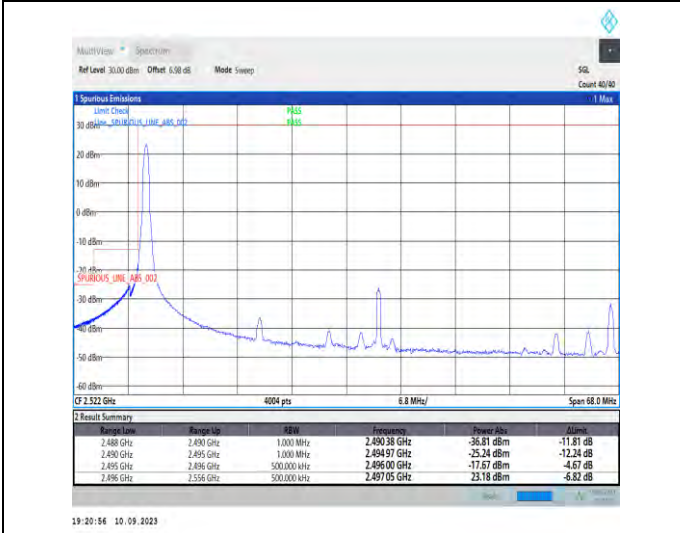




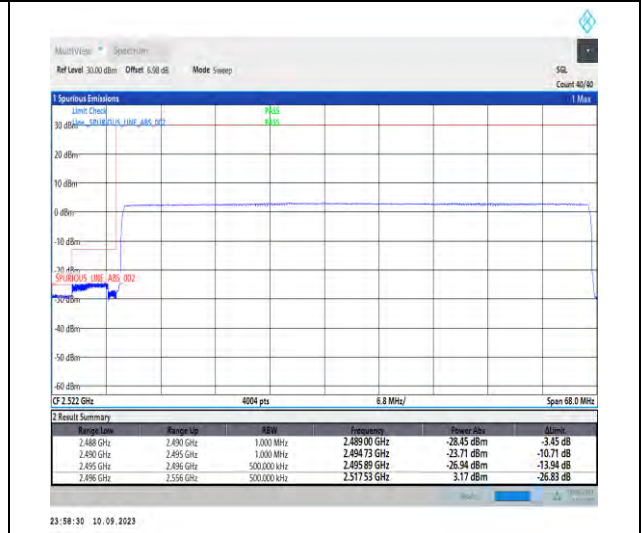
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1-N41-PC2-30-60-L-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant3-1--PASS-see graph



1-N41-PC2-30-60-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph



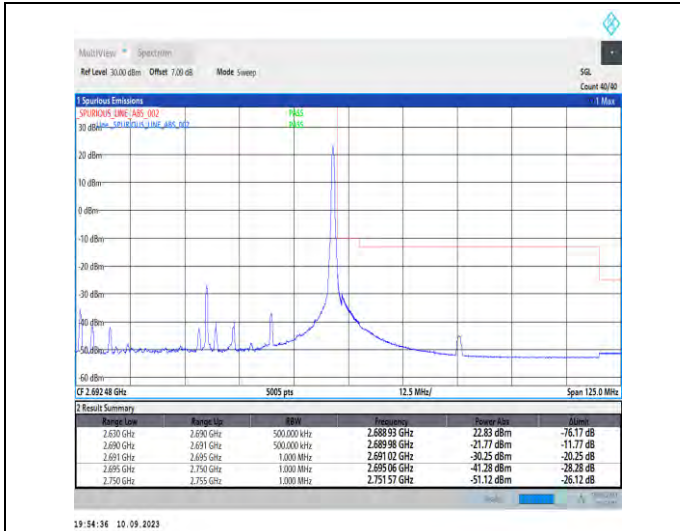
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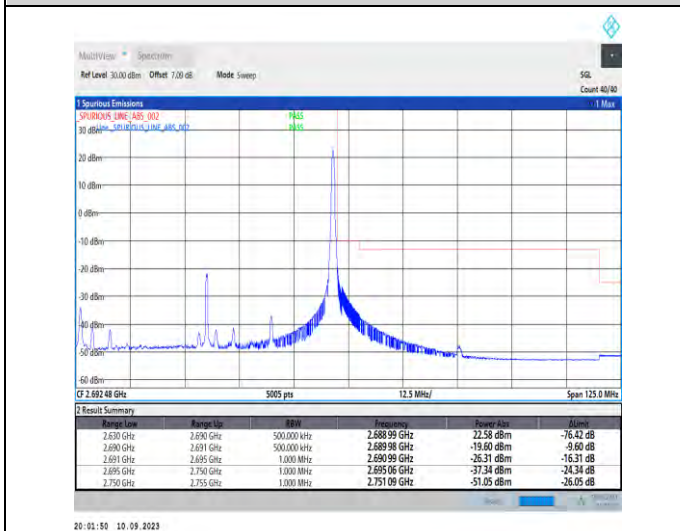
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1-N41-PC2-30-60-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@161-Ant3-1--PASS-see graph

1-N41-PC2-30-60-H-3-DFT-PI2BPSK-Outer\_Full-1 62@0-Ant3-1--PASS-see graph



1-N41-PC2-30-60-H-5-CP-QPSK-Edge\_1RB\_Right-1 @161-Ant3-1--PASS-see graph

1-N41-PC2-30-60-H-6-CP-QPSK-Outer\_Full-162 @0-Ant3-1--PASS-see graph



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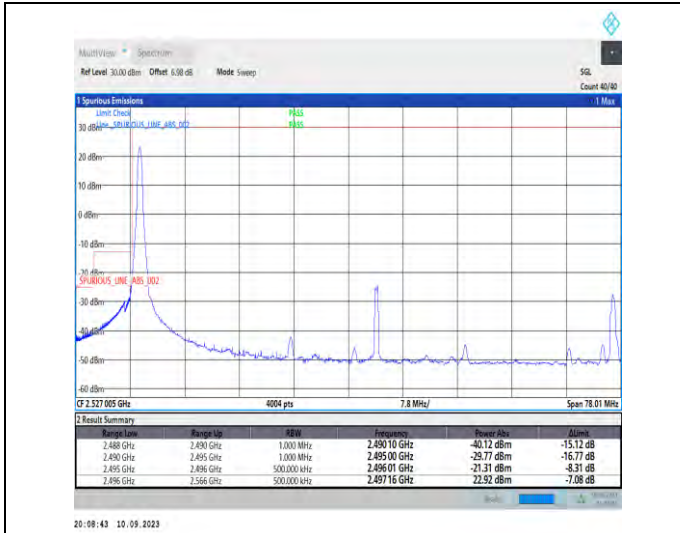
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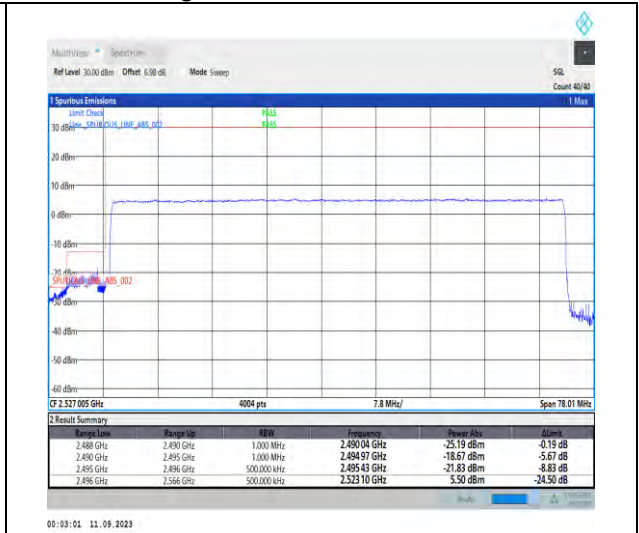
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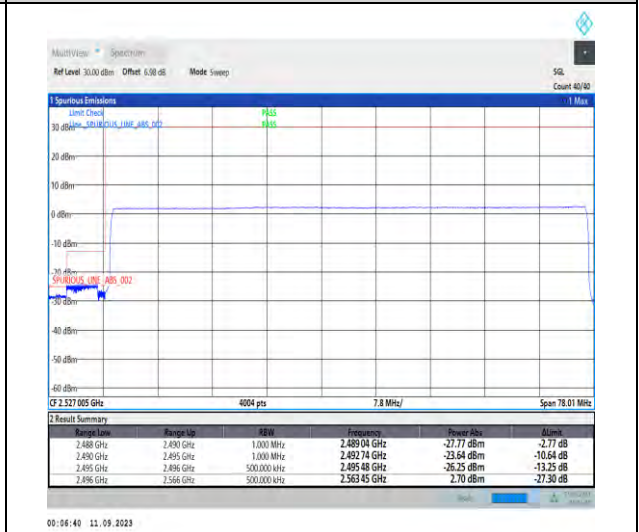
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1-N41-PC2-30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant3-1--PASS-see graph



1-N41-PC2-30-70-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph



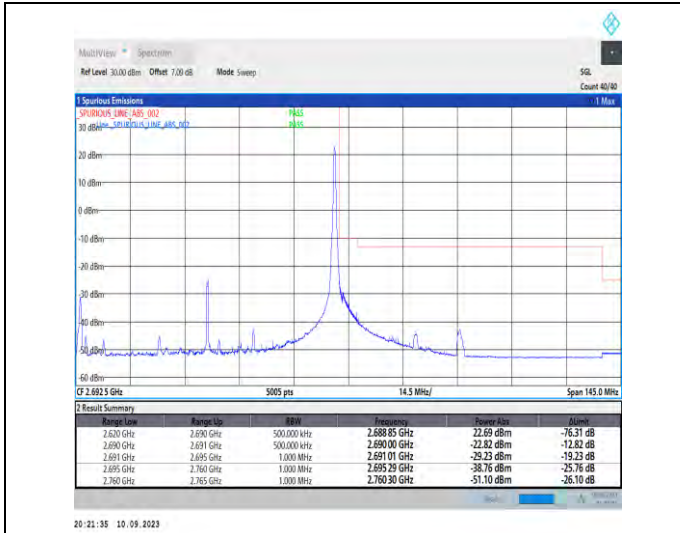
1-N41-PC2-30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant3-1--PASS-see graph



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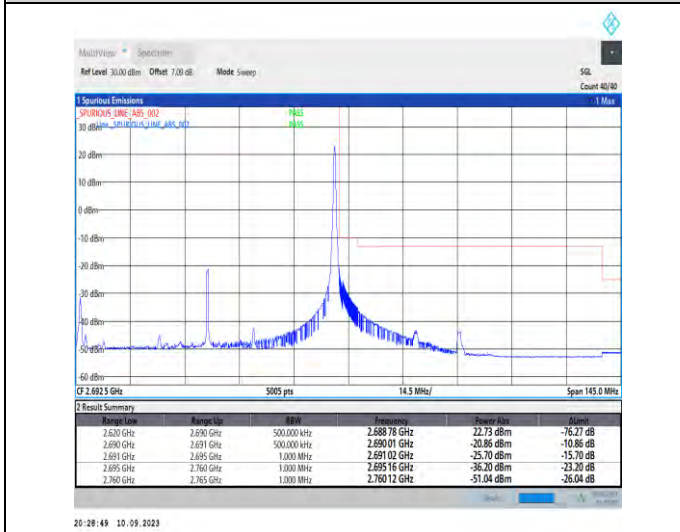
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1-N41-PC2-30-70-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@188-Ant3-1--PASS-see graph

1-N41-PC2-30-70-H-3-DFT-PI2BPSK-Outer\_Full-1 80@0-Ant3-1--PASS-see graph



1-N41-PC2-30-70-H-5-CP-QPSK-Edge\_1RB\_Right-1 @188-Ant3-1--PASS-see graph

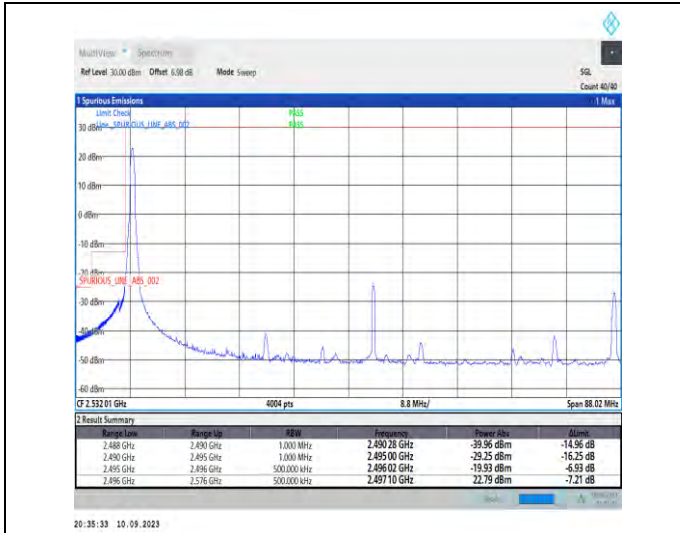
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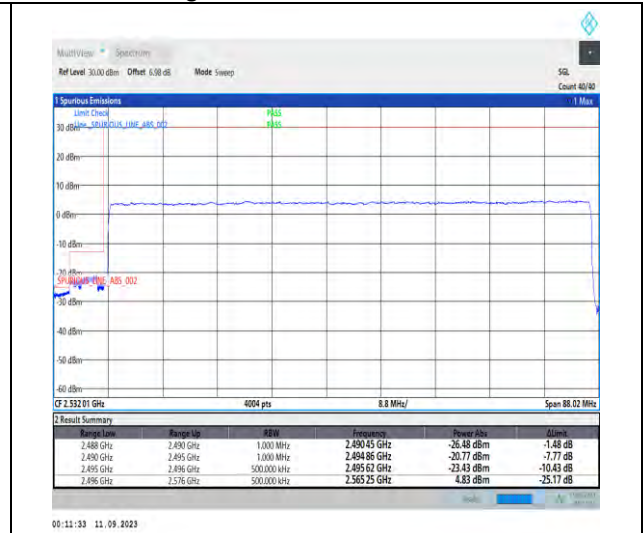
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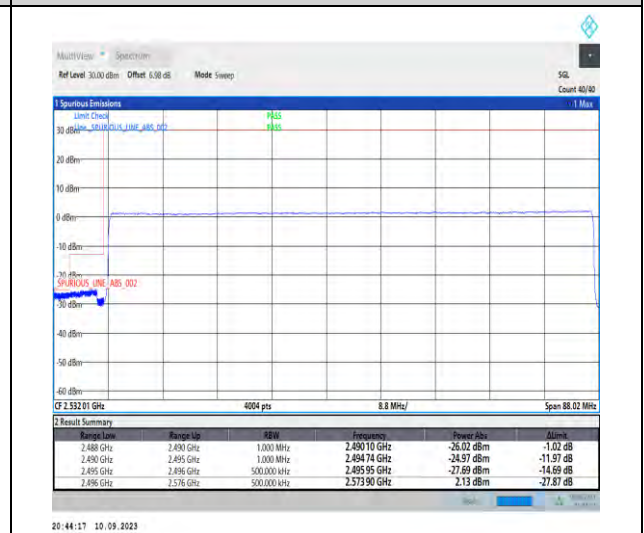
1-N41-PC2-30-80-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph



1-N41-PC2-30-80-L-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant3-1--PASS-see graph



1-N41-PC2-30-80-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph



1-N41-PC2-30-80-L-6-CP-QPSK-Outer\_Full-217@0-Ant3-1--PASS-see graph

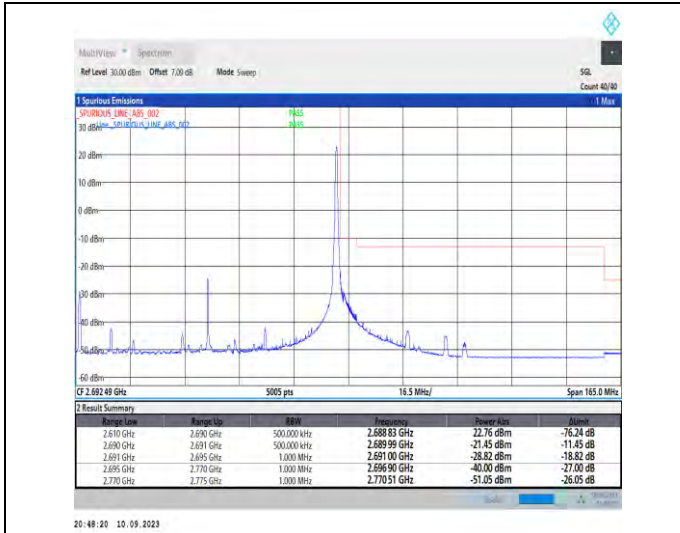


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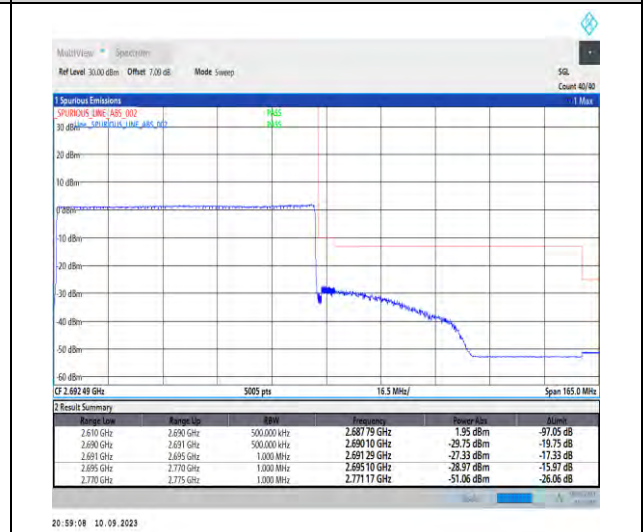
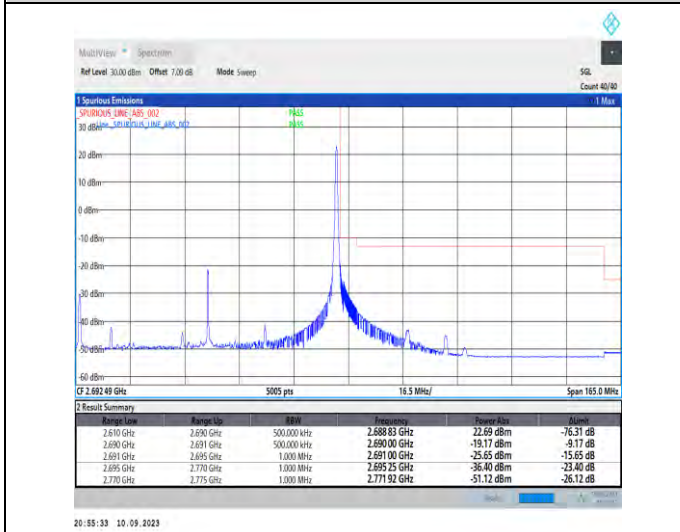
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1-N41-PC2-30-80-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@216-Ant3-1--PASS-see graph

1-N41-PC2-30-80-H-3-DFT-PI2BPSK-Outer\_Full-2 16@0-Ant3-1--PASS-see graph



1-N41-PC2-30-80-H-5-CP-QPSK-Edge\_1RB\_Right-1 @216-Ant3-1--PASS-see graph

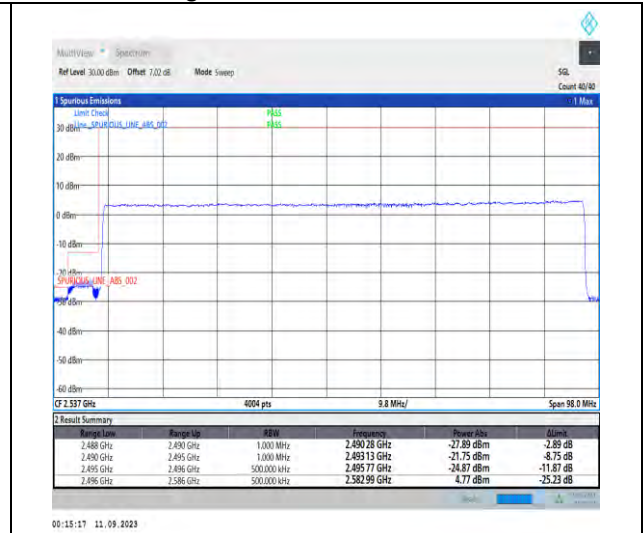
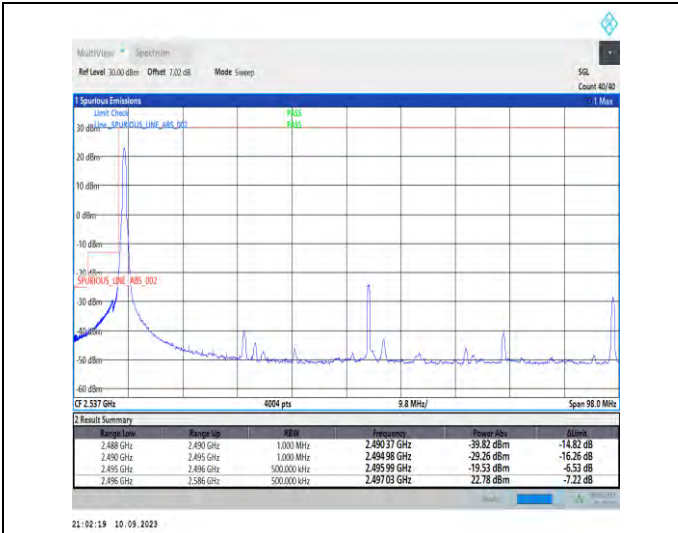
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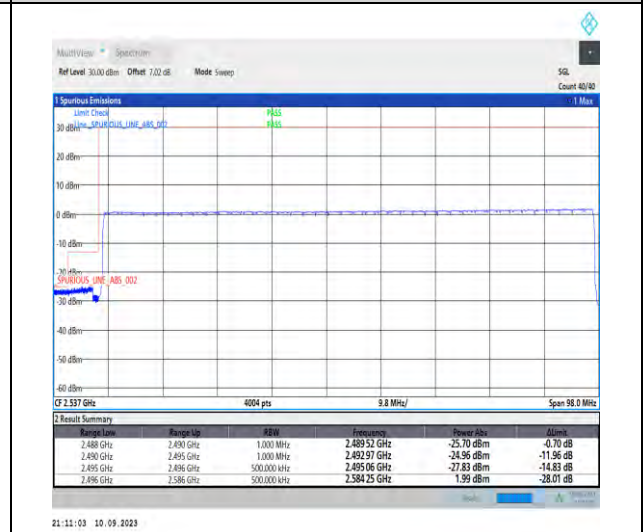
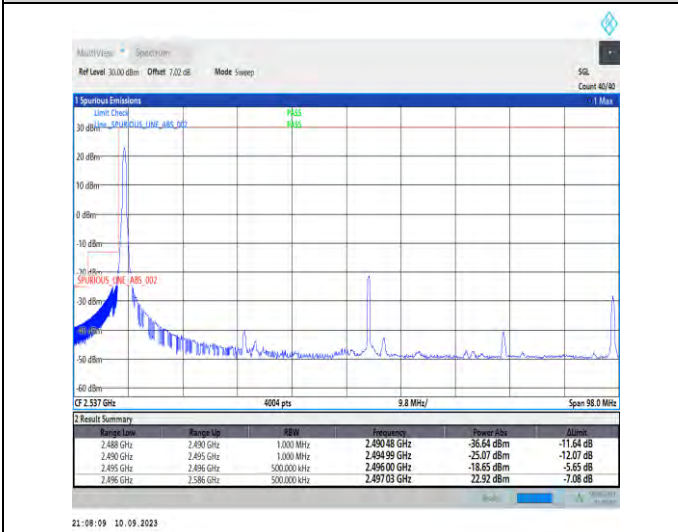
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1-N41-PC2-30-90-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

1-N41-PC2-30-90-L-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant3-1--PASS-see graph



1-N41-PC2-30-90-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1--PASS-see graph

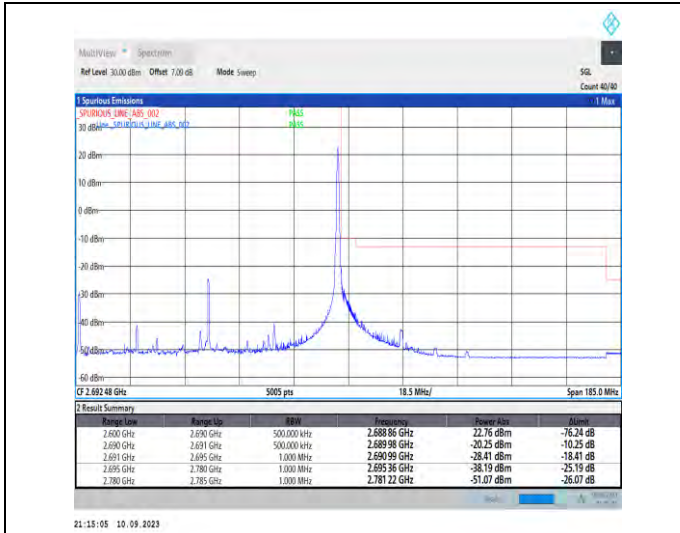
1-N41-PC2-30-90-L-6-CP-QPSK-Outer\_Full-245@0-Ant3-1--PASS-see graph



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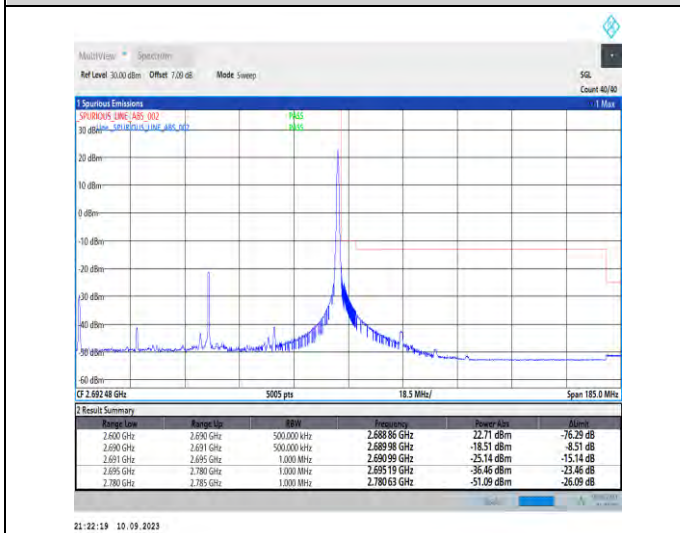
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1-N41-PC2-30-90-H-2-DFT-PI2BPSK-Edge\_1RB\_Righ t-1@244-Ant3-1--PASS-see graph



1-N41-PC2-30-90-H-3-DFT-PI2BPSK-Outer\_Full-2 40@0-Ant3-1--PASS-see graph



1-N41-PC2-30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1 @244-Ant3-1--PASS-see graph



1-N41-PC2-30-90-H-6-CP-QPSK-Outer\_Full-245 @0-Ant3-1--PASS-see graph



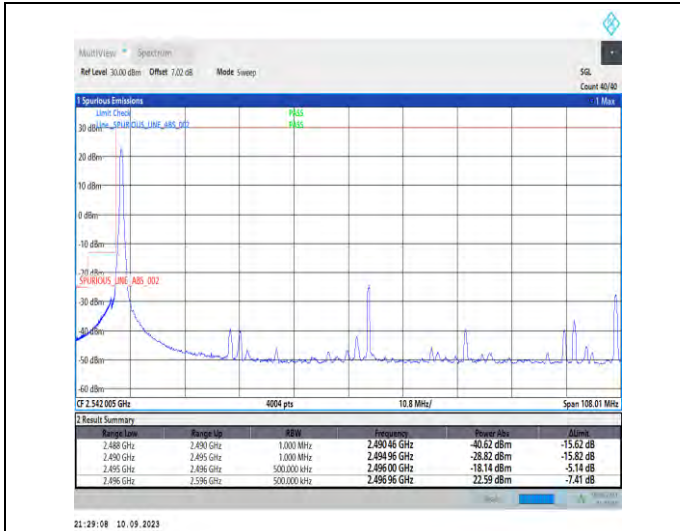
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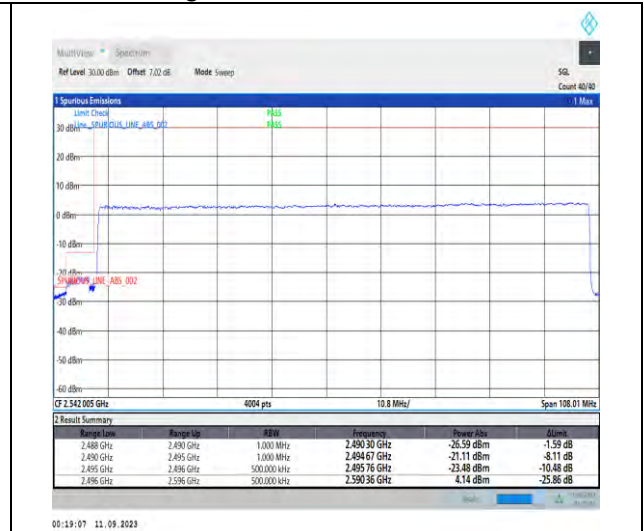
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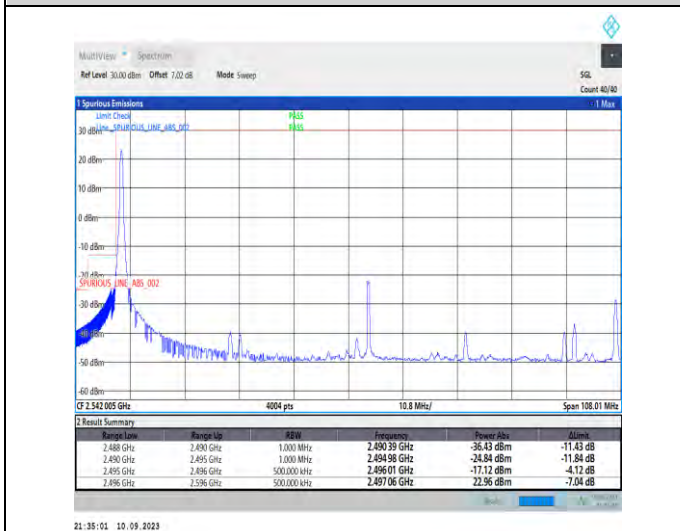




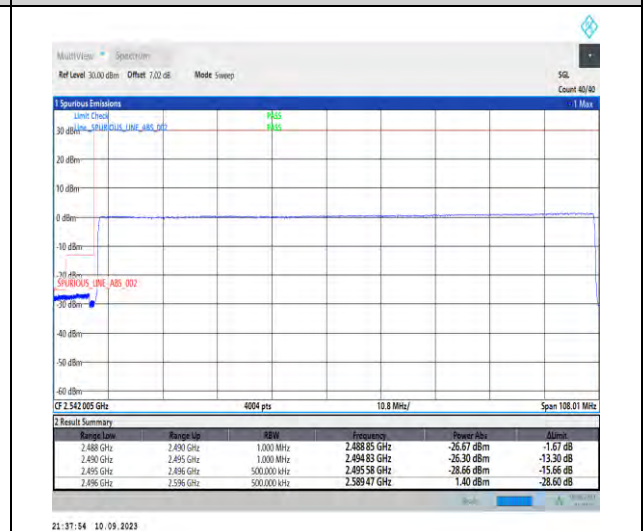
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1-N41-PC2-30-100-L-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant3-1--PASS-see graph



1-N41-PC2-30-100-L-4-CP-QPSK-Edge\_1RB\_Left1@0-Ant3-1--PASS-see graph



1-N41-PC2-30-100-L-6-CP-QPSK-Outer\_Full-273@0-Ant3-1--PASS-see graph

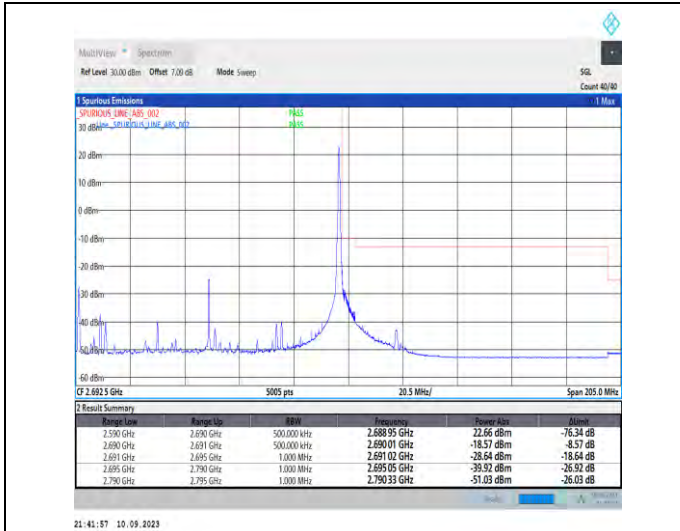


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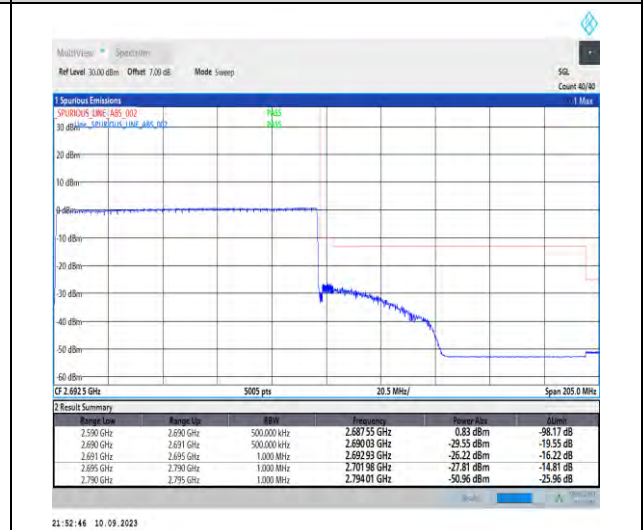
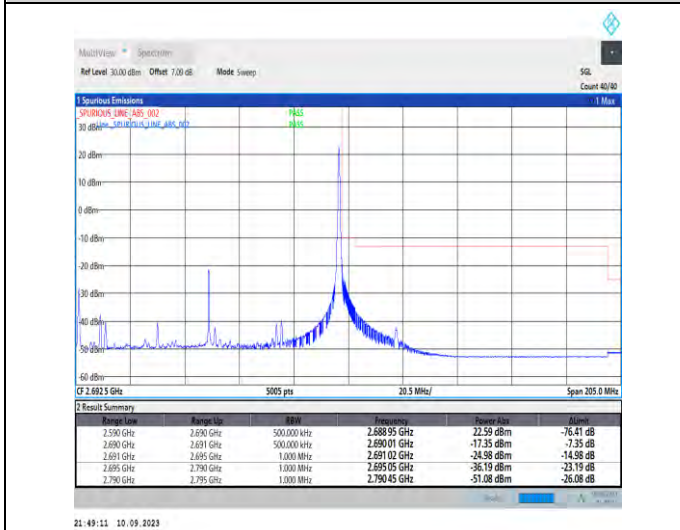
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1-N41-PC2-30-100-H-2-DFT-PI2BPSK-Edge\_1RB\_Rig ht-1@272-Ant3-1--PASS-see graph

1-N41-PC2-30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant3-1--PASS-see graph



1-N41-PC2-30-100-H-5-CP-QPSK-Edge\_1RB\_Right-1 @272-Ant3-1--PASS-see graph

1-N41-PC2-30-100-H-6-CP-QPSK-Outer\_Full-273 @0-Ant3-1--PASS-see graph



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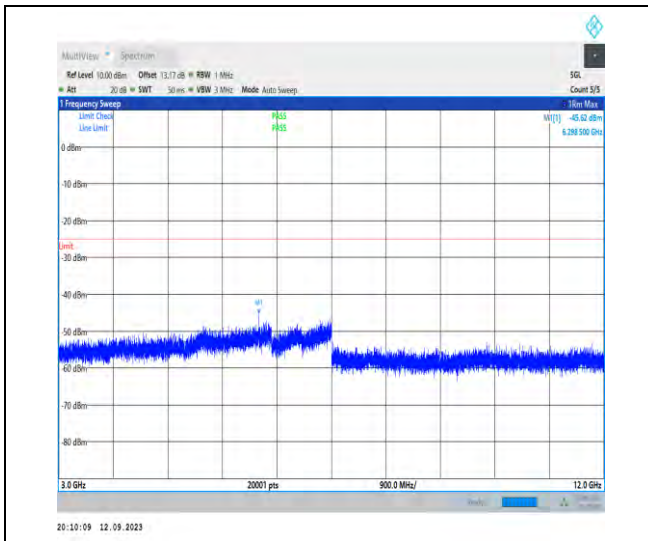
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## Conducted Spurious Emission for SA

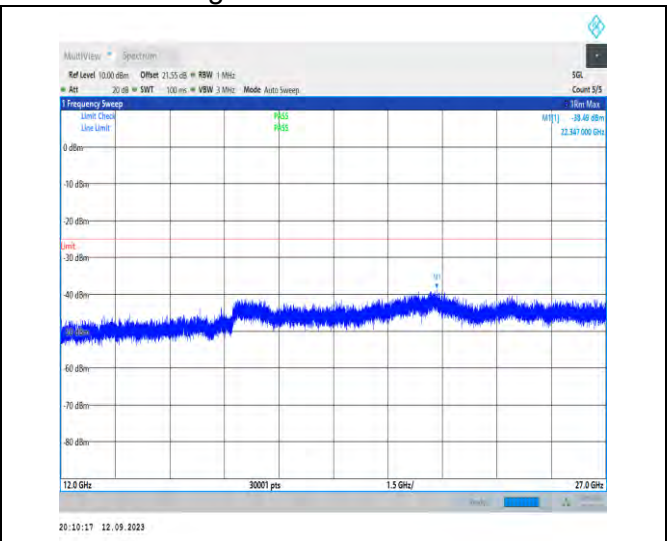
### Test Graphs

<p>1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_L              eft-1@1-0.009-0.15-Ant3-0.13--83.83--55-PASS</p>	<p>1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Le              ft-1@1-0.15-30-Ant3-29.91--75.61--45-PASS</p>
<p>1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_L              eft-1@1-30-1000-Ant3-35.34--59.61--35-PASS</p>	<p>1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Le              ft-1@1-1000-3000-Ant3-2974.50--44.32--25-PASS</p>

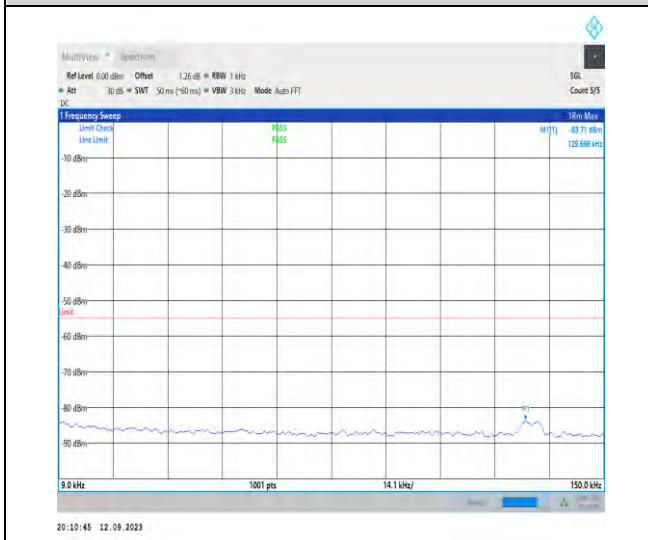




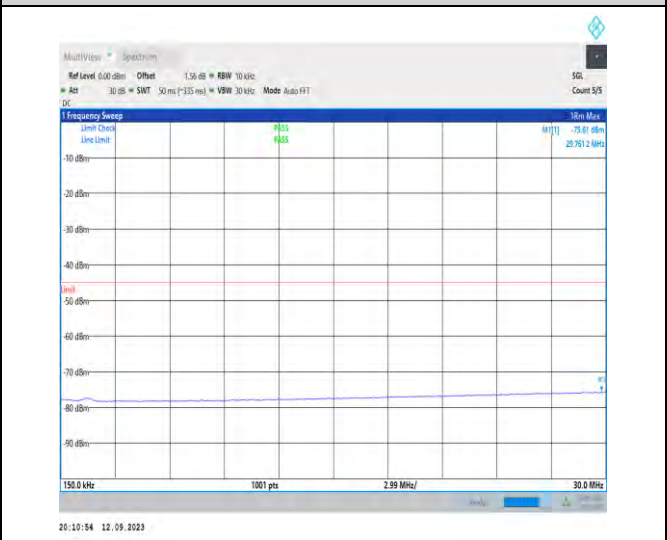
1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant3-6298.50--45.62--25-PASS  
S



1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-27000-Ant3-22347.00--38.49--25-PASS  
S



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant3-0.13--83.71--55-PASS

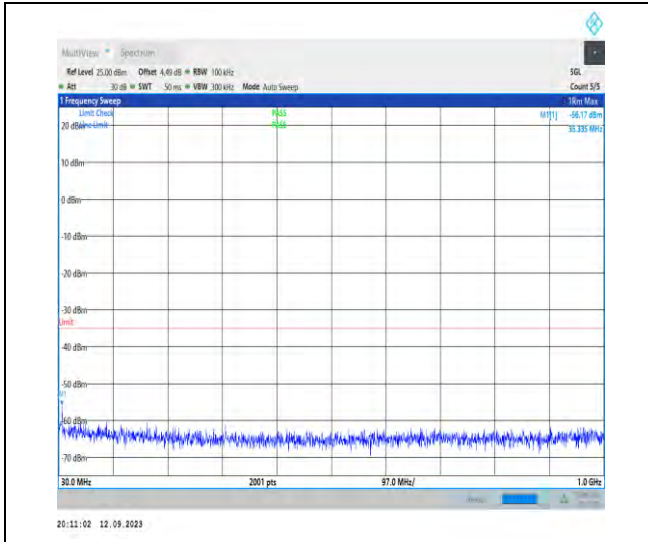


1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant3-29.76--75.61--45-PASS

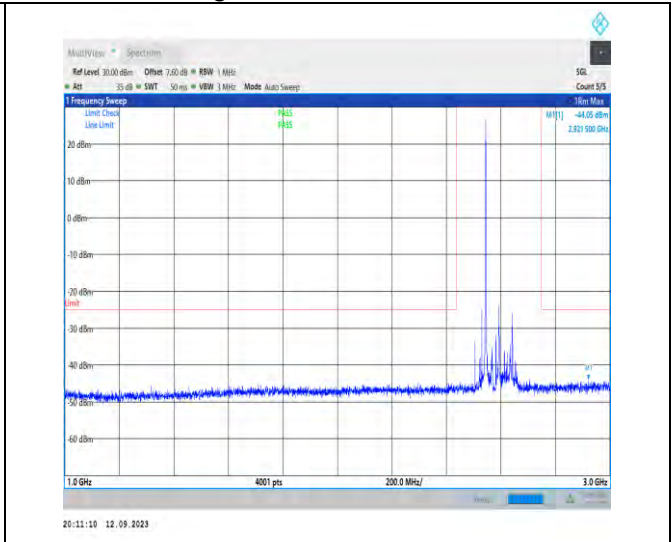


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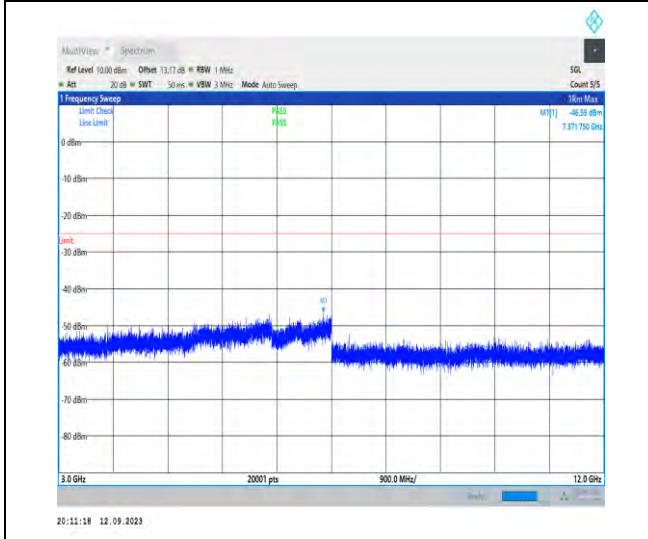
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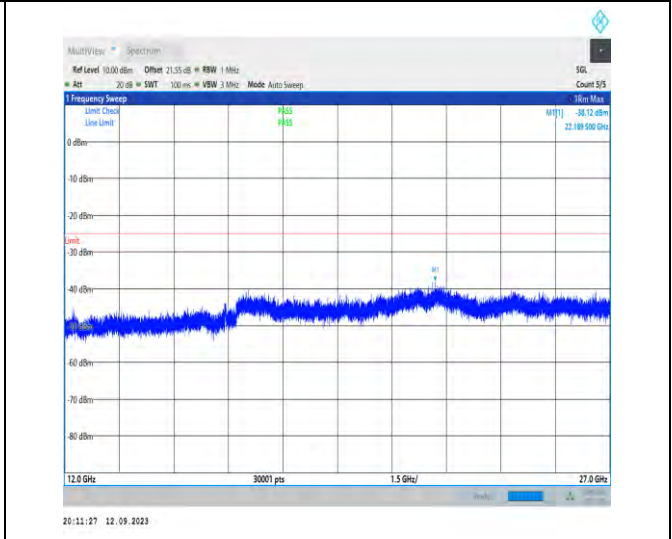
1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant3-35.34--56.17--35-PASS



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant3-2921.50--44.05--25-PASS



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant3-7371.75--46.59--25-PASS

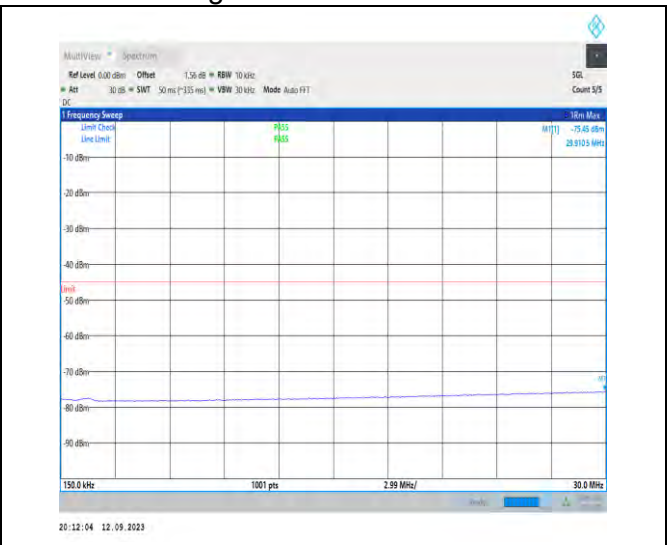


1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-27000-Ant3-22189.50--38.12--25-PASS



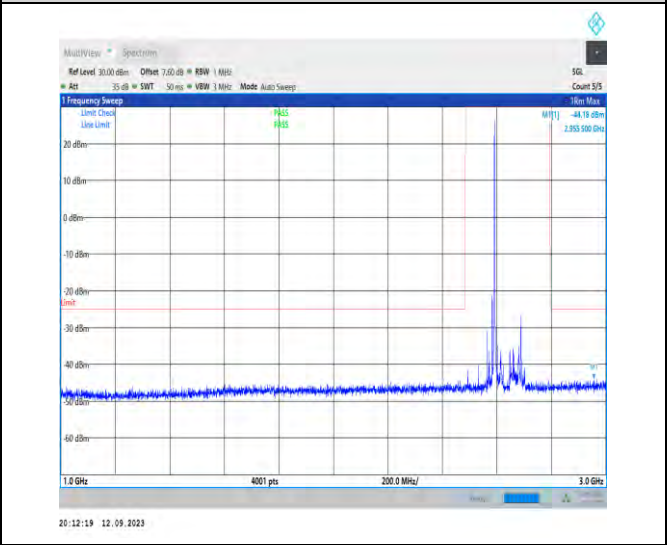
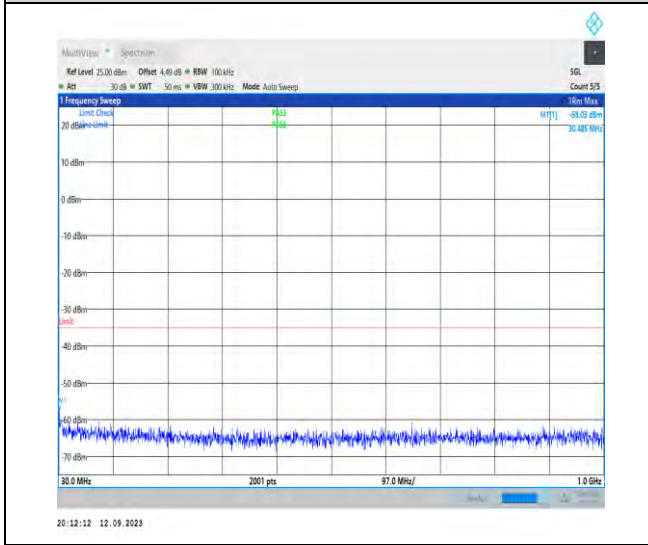
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1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant3-0.13--83.45--55-PASS

1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant3-29.91--75.45--45-PASS



1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant3-30.49--58.03--35-PASS

1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant3-2955.50--44.18--25-PASS

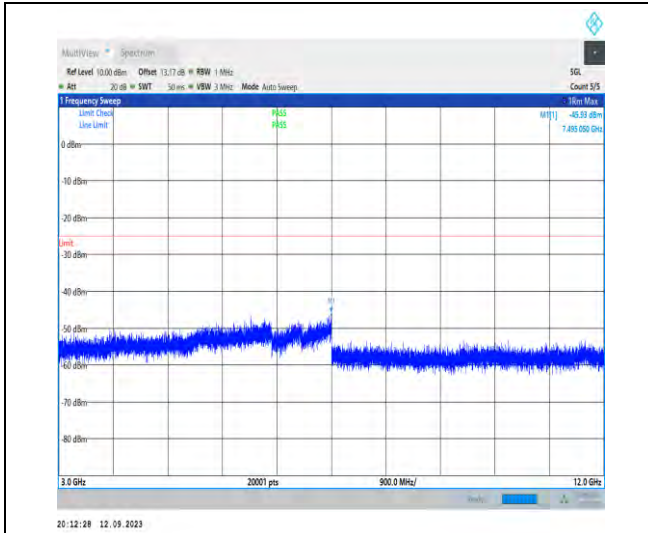


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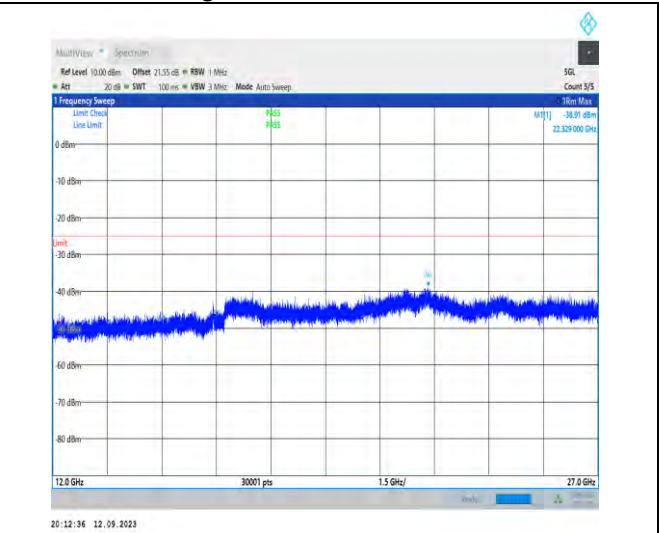
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1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant3-7495.05--45.93--25-PA  
SS



1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-27000-Ant3-22329.00--38.91--25-PA  
SS



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### Field Strength of Spurious Radiation

Test Band = SA Band 41\_100MHz\_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.80	-48.01	31.51	-67.96	-25.00	42.96	Horizontal
2	7503.3	42.91	-46.11	36.80	-61.67	-25.00	36.67	Horizontal
3	10004.4	39.67	-41.71	38.50	-58.79	-25.00	33.79	Horizontal
4	12505.5	37.28	-39.84	38.90	-58.92	-25.00	33.92	Horizontal
5	15006.6	35.97	-38.03	40.09	-57.24	-25.00	32.24	Horizontal
6	17507.7	37.11	-36.82	42.15	-52.82	-25.00	27.82	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.15	-48.01	31.51	-68.61	-25.00	43.61	Vertical
2	7503.3	42.36	-46.11	36.80	-62.22	-25.00	37.22	Vertical
3	10004.4	39.16	-41.71	38.50	-59.30	-25.00	34.30	Vertical
4	12505.5	36.78	-39.84	38.90	-59.42	-25.00	34.42	Vertical
5	15006.6	36.70	-38.03	40.09	-56.51	-25.00	31.51	Vertical
6	17507.7	35.93	-36.82	42.15	-54.00	-25.00	29.00	Vertical



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**Test Band = SA Band 41\_100MHz\_TM1**  
**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.56	-47.83	31.73	-67.80	-25.00	42.80	Horizontal
2	7644.24	42.21	-44.85	36.63	-61.28	-25.00	36.28	Horizontal
3	10192.32	38.98	-42.12	38.67	-59.73	-25.00	34.73	Horizontal
4	12740.4	38.01	-39.28	38.76	-57.78	-25.00	32.78	Horizontal
5	15288.48	36.22	-37.77	39.55	-57.26	-25.00	32.26	Horizontal
6	17836.56	36.72	-37.06	44.26	-51.34	-25.00	26.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17977	37.32	-36.56	45.15	-49.35	-25.00	24.35	Vertical
2	5168.18	43.88	-47.87	31.90	-67.34	-25.00	42.34	Vertical
3	7752.27	41.95	-45.05	36.50	-61.87	-25.00	36.87	Vertical
4	10336.36	38.51	-41.18	38.80	-59.13	-25.00	34.13	Vertical
5	12920.45	37.44	-39.42	38.65	-58.59	-25.00	33.59	Vertical
6	15504.54	36.66	-38.05	39.14	-57.51	-25.00	32.51	Vertical



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**Test Band = SA Band 41\_100MHz\_TM1**  
**Test Channel = High**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4315.5	46.01	-47.83	29.97	-67.11	-25.00	42.11	Horizontal
2	5190.18	43.87	-47.88	31.96	-67.32	-25.00	42.32	Horizontal
3	7785.27	42.77	-44.95	36.46	-60.99	-25.00	35.99	Horizontal
4	10380.36	38.83	-41.22	38.84	-58.81	-25.00	33.81	Horizontal
5	12975.45	37.56	-39.40	38.61	-58.49	-25.00	33.49	Horizontal
6	15570.54	35.96	-37.75	39.02	-58.04	-25.00	33.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4323	45.45	-47.86	29.98	-67.68	-25.00	42.68	Vertical
2	5190.18	44.06	-47.88	31.96	-67.13	-25.00	42.13	Vertical
3	7785.27	43.33	-44.95	36.46	-60.43	-25.00	35.43	Vertical
4	10380.36	39.10	-41.22	38.84	-58.54	-25.00	33.54	Vertical
5	12975.45	36.92	-39.40	38.61	-59.13	-25.00	34.13	Vertical
6	15570.54	36.12	-37.75	39.02	-57.88	-25.00	32.88	Vertical



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Test Band = NSA DC\_2A\_n41A\_TM1  
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	44.02	-48.01	31.51	-67.74	-25.00	42.74	Horizontal
2	7503.3	42.26	-46.11	36.80	-62.32	-25.00	37.32	Horizontal
3	10004.4	39.89	-41.71	38.50	-58.57	-25.00	33.57	Horizontal
4	12505.5	36.78	-39.84	38.90	-59.42	-25.00	34.42	Horizontal
5	15006.6	35.97	-38.03	40.09	-57.24	-25.00	32.24	Horizontal
6	17507.7	36.27	-36.82	42.15	-53.66	-25.00	28.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.79	-48.01	31.51	-67.97	-25.00	42.97	Vertical
2	7503.3	41.59	-46.11	36.80	-62.99	-25.00	37.99	Vertical
3	10004.4	39.16	-41.71	38.50	-59.30	-25.00	34.30	Vertical
4	12505.5	36.58	-39.84	38.90	-59.62	-25.00	34.62	Vertical
5	15006.6	35.87	-38.03	40.09	-57.34	-25.00	32.34	Vertical
6	17507.7	35.41	-36.82	42.15	-54.52	-25.00	29.52	Vertical



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Test Band = NSA DC\_2A\_n41A\_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.53	-47.83	31.73	-67.83	-25.00	42.83	Horizontal
2	7644.24	41.58	-44.85	36.63	-61.91	-25.00	36.91	Horizontal
3	10192.32	38.95	-42.12	38.67	-59.76	-25.00	34.76	Horizontal
4	12740.4	37.08	-39.28	38.76	-58.71	-25.00	33.71	Horizontal
5	15288.48	36.03	-37.77	39.55	-57.45	-25.00	32.45	Horizontal
6	17836.56	35.83	-37.06	44.26	-52.23	-25.00	27.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.65	-47.83	31.73	-67.71	-25.00	42.71	Vertical
2	7644.24	41.53	-44.85	36.63	-61.96	-25.00	36.96	Vertical
3	10192.32	39.28	-42.12	38.67	-59.43	-25.00	34.43	Vertical
4	12740.4	36.92	-39.28	38.76	-58.87	-25.00	33.87	Vertical
5	15288.48	36.90	-37.77	39.55	-56.58	-25.00	31.58	Vertical
6	17836.56	35.42	-37.06	44.26	-52.64	-25.00	27.64	Vertical



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Test Band = NSA DC\_2A\_n41A\_TM1  
 Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4064	45.56	-48.10	29.52	-68.29	-25.00	43.29	Horizontal
2	5190.18	43.47	-47.88	31.96	-67.72	-25.00	42.72	Horizontal
3	7785.27	41.54	-44.95	36.46	-62.22	-25.00	37.22	Horizontal
4	10380.36	39.06	-41.22	38.84	-58.58	-25.00	33.58	Horizontal
5	12975.45	37.37	-39.40	38.61	-58.68	-25.00	33.68	Horizontal
6	15570.54	35.45	-37.75	39.02	-58.55	-25.00	33.55	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4012	46.42	-48.17	29.42	-67.58	-25.00	42.58	Vertical
2	5190.18	43.88	-47.88	31.96	-67.31	-25.00	42.31	Vertical
3	7785.27	41.94	-44.95	36.46	-61.82	-25.00	36.82	Vertical
4	10380.36	38.86	-41.22	38.84	-58.78	-25.00	33.78	Vertical
5	12975.45	36.28	-39.40	38.61	-59.77	-25.00	34.77	Vertical
6	15570.54	36.03	-37.75	39.02	-57.97	-25.00	32.97	Vertical



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Test Band = NSA DC\_66A\_n41A\_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	42.90	-48.01	31.51	-68.86	-25.00	43.86	Horizontal
2	7503.3	41.62	-46.11	36.80	-62.96	-25.00	37.96	Horizontal
3	10004.4	39.19	-41.71	38.50	-59.27	-25.00	34.27	Horizontal
4	12505.5	37.30	-39.84	38.90	-58.90	-25.00	33.90	Horizontal
5	15006.6	35.43	-38.03	40.09	-57.78	-25.00	32.78	Horizontal
6	17507.7	35.79	-36.82	42.15	-54.14	-25.00	29.14	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.48	-48.01	31.51	-68.28	-25.00	43.28	Vertical
2	7503.3	42.68	-46.11	36.80	-61.90	-25.00	36.90	Vertical
3	10004.4	39.33	-41.71	38.50	-59.13	-25.00	34.13	Vertical
4	12505.5	36.82	-39.84	38.90	-59.38	-25.00	34.38	Vertical
5	15006.6	35.58	-38.03	40.09	-57.63	-25.00	32.63	Vertical
6	17507.7	35.77	-36.82	42.15	-54.16	-25.00	29.16	Vertical



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Test Band = NSA DC\_66A\_n41A\_TM1  
 Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.31	-47.83	31.73	-68.05	-25.00	43.05	Horizontal
2	7644.24	42.18	-44.85	36.63	-61.31	-25.00	36.31	Horizontal
3	10192.32	38.06	-42.12	38.67	-60.65	-25.00	35.65	Horizontal
4	12740.4	37.47	-39.28	38.76	-58.32	-25.00	33.32	Horizontal
5	15288.48	36.59	-37.77	39.55	-56.89	-25.00	31.89	Horizontal
6	17836.56	35.05	-37.06	44.26	-53.01	-25.00	28.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.43	-47.83	31.73	-67.93	-25.00	42.93	Vertical
2	7644.24	42.08	-44.85	36.63	-61.41	-25.00	36.41	Vertical
3	10192.32	38.67	-42.12	38.67	-60.04	-25.00	35.04	Vertical
4	12740.4	38.07	-39.28	38.76	-57.72	-25.00	32.72	Vertical
5	15288.48	36.15	-37.77	39.55	-57.33	-25.00	32.33	Vertical
6	17836.56	34.93	-37.06	44.26	-53.13	-25.00	28.13	Vertical



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Test Band = NSA DC\_66A\_n41A\_TM1  
 Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4011.5	45.90	-48.17	29.42	-68.11	-25.00	43.11	Horizontal
2	5190.18	43.78	-47.88	31.96	-67.41	-25.00	42.41	Horizontal
3	7785.27	42.39	-44.95	36.46	-61.37	-25.00	36.37	Horizontal
4	10380.36	39.19	-41.22	38.84	-58.45	-25.00	33.45	Horizontal
5	12975.45	37.41	-39.40	38.61	-58.64	-25.00	33.64	Horizontal
6	15570.54	35.91	-37.75	39.02	-58.09	-25.00	33.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3951	46.12	-48.23	29.33	-68.04	-25.00	43.04	Vertical
2	5190.18	43.92	-47.88	31.96	-67.27	-25.00	42.27	Vertical
3	7785.27	42.21	-44.95	36.46	-61.55	-25.00	36.55	Vertical
4	10380.36	39.06	-41.22	38.84	-58.58	-25.00	33.58	Vertical
5	12975.45	36.85	-39.40	38.61	-59.20	-25.00	34.20	Vertical
6	15570.54	35.69	-37.75	39.02	-58.31	-25.00	33.31	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## 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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.400000	-0.001311	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.200000	-0.000848	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.300000	-0.001658	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-0.200000	-0.000077	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-0.700000	-0.000270	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	0.000000	0.000000	PASS



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**Frequency Error VS. Temperature**

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.400000	-0.001311	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.800000	-0.001851	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.300000	-0.002044	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.600000	-0.001003	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	0.400000	0.000154	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.200000	-0.001620	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.200000	-0.002391	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.200000	-0.002777	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.900000	-0.001118	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-2.200000	-0.000848	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-0.700000	-0.000270	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-0.100000	-0.000039	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.200000	-0.000463	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-5.300000	-0.002044	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-3.600000	-0.001388	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-3.200000	-0.001234	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-3.200000	-0.001234	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-1.900000	-0.000733	PASS

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