

Appendix B.22

NR Band n41



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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	26.15	25.35	33.00	PASS
N41	30	10	DFT-16QAM	L	Inner_1RB_Left	25.76	24.96	33.00	PASS
N41	30	10	DFT-QPSK	M	Inner_1RB_Left	26.02	25.22	33.00	PASS
N41	30	10	DFT-16QAM	M	Inner_1RB_Left	25.51	24.71	33.00	PASS
N41	30	10	DFT-QPSK	H	Inner_1RB_Left	26.16	25.36	33.00	PASS
N41	30	10	DFT-16QAM	H	Inner_1RB_Left	25.77	24.97	33.00	PASS
N41	30	15	DFT-QPSK	L	Inner_1RB_Left	26.23	25.43	33.00	PASS
N41	30	15	DFT-16QAM	L	Inner_1RB_Left	25.79	24.99	33.00	PASS
N41	30	15	DFT-QPSK	M	Inner_1RB_Left	26.25	25.45	33.00	PASS
N41	30	15	DFT-16QAM	M	Inner_1RB_Left	25.28	24.48	33.00	PASS
N41	30	15	DFT-QPSK	H	Inner_1RB_Left	26.11	25.31	33.00	PASS
N41	30	15	DFT-16QAM	H	Inner_1RB_Left	25.71	24.91	33.00	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	26.27	25.47	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	25.80	25.00	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	26.06	25.26	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	25.17	24.37	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	26.15	25.35	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	25.25	24.45	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	26.19	25.39	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	25.65	24.85	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	26.10	25.30	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	25.38	24.58	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	25.59	24.79	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	24.62	23.82	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	26.40	25.60	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	25.75	24.95	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	26.47	25.67	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	25.75	24.95	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	26.13	25.33	33.00	PASS



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N41	30	40	DFT-16QAM	H	Inner_1RB_Left	25.71	24.91	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	26.14	25.34	33.00	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	25.72	24.92	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	26.27	25.47	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	25.65	24.85	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	25.84	25.04	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	25.53	24.73	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	26.29	25.49	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	25.63	24.83	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	26.22	25.42	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	25.69	24.89	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	26.07	25.27	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	25.64	24.84	33.00	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.78	24.98	33.00	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	25.57	24.77	33.00	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	25.81	25.01	33.00	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	25.42	24.62	33.00	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	25.86	25.06	33.00	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	25.54	24.74	33.00	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	26.01	25.21	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	25.57	24.77	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	25.80	25.00	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	25.49	24.69	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	26.04	25.24	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	25.35	24.55	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	26.02	25.22	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	25.55	24.75	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	26.00	25.20	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	25.54	24.74	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	25.84	25.04	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.39	24.59	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.25	25.45	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.36	25.56	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	25.87	25.07	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	25.98	25.18	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.12	25.32	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	25.51	24.71	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.14	24.34	33.00	PASS



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N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.18	24.38	33.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	24.71	23.91	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	23.90	23.10	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	23.98	23.18	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	24.21	23.41	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.65	20.85	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.79	20.99	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	22.15	21.35	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.17	25.37	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	25.63	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	25.82	25.02	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	26.02	25.22	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.36	25.56	33.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	25.57	24.77	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	25.07	24.27	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	25.37	24.57	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	24.61	23.81	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.87	23.07	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	24.21	23.41	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	24.21	23.41	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	21.72	20.92	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	22.05	21.25	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	22.13	21.33	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.88	25.08	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.63	25.83	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	25.85	25.05	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	25.97	25.17	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.43	25.63	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	25.50	24.70	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	24.82	24.02	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	25.54	24.74	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	24.70	23.90	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	23.87	23.07	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	24.20	23.40	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	24.08	23.28	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	21.54	20.74	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	22.12	21.32	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	22.19	21.39	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	9.75	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	10.16	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.24	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	9.44	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	9.19	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	9.50	≤13	PASS

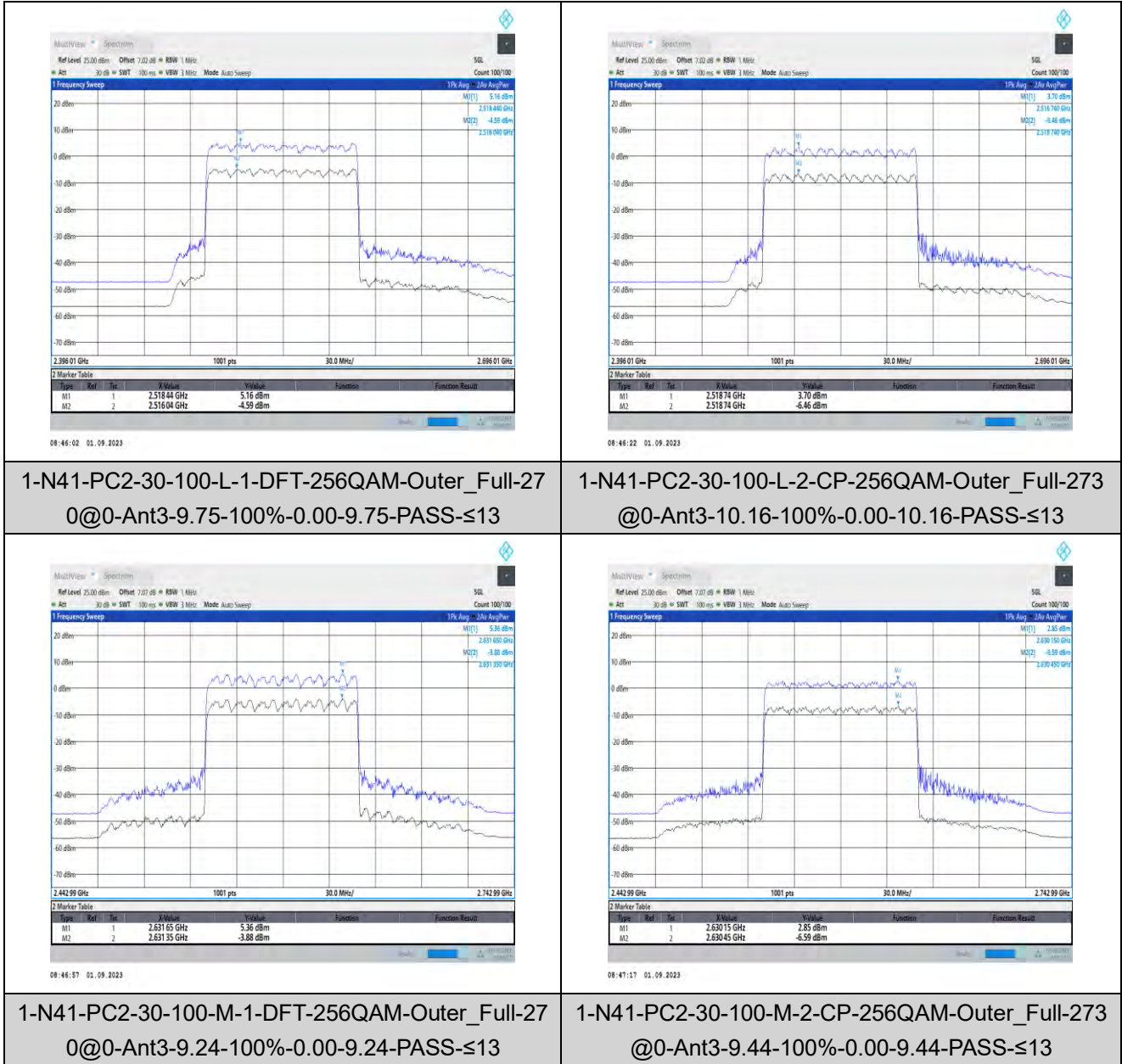


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Test Graphs



1-N41-PC2-30-100-L-1-DFT-256QAM-Outer_Full-27
 0@0-Ant3-9.75-100%-0.00-9.75-PASS-≤13

1-N41-PC2-30-100-L-2-CP-256QAM-Outer_Full-273
 @0-Ant3-10.16-100%-0.00-10.16-PASS-≤13

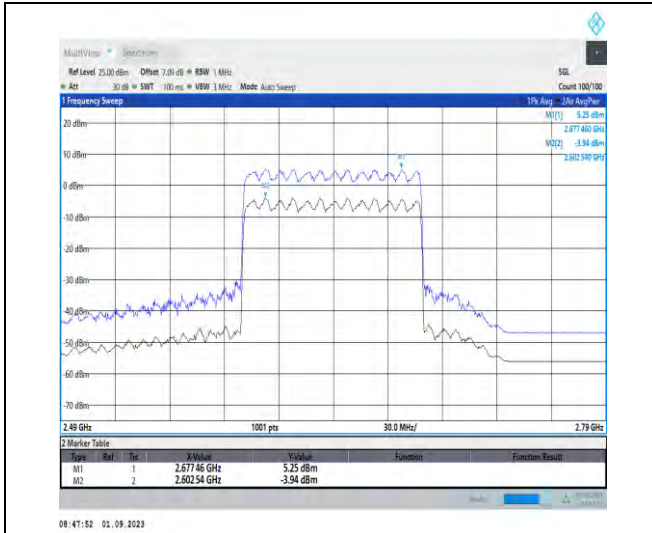
1-N41-PC2-30-100-M-1-DFT-256QAM-Outer_Full-27
 0@0-Ant3-9.24-100%-0.00-9.24-PASS-≤13

1-N41-PC2-30-100-M-2-CP-256QAM-Outer_Full-273
 @0-Ant3-9.44-100%-0.00-9.44-PASS-≤13

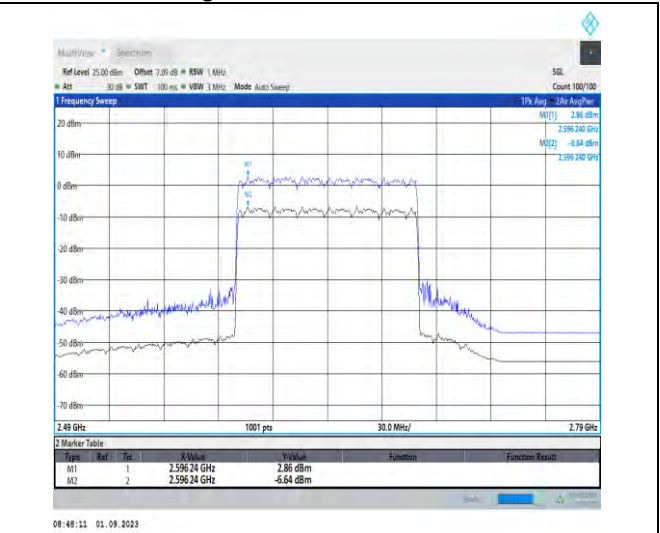


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1-N41-PC2-30-100-H-1-DFT-256QAM-Outer_Full-27
0@0-Ant3-9.19-100%-0.00-9.19-PASS-≤13



1-N41-PC2-30-100-H-2-CP-256QAM-Outer_Full-273
0@0-Ant3-9.50-100%-0.00-9.50-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	8.611	9.100	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.607	9.080	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.576	8.980	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.603	9.420	PASS
N41	30	10	DFT-256QAM	M	Outer_Full	8.586	9.120	PASS
N41	30	10	CP-QPSK	M	Outer_Full	8.582	9.760	PASS
N41	30	10	CP-16QAM	M	Outer_Full	8.571	9.220	PASS
N41	30	10	CP-64QAM	M	Outer_Full	8.581	9.180	PASS
N41	30	10	CP-256QAM	M	Outer_Full	8.573	8.980	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.868	13.590	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.855	13.620	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.759	13.890	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.847	13.770	PASS
N41	30	15	DFT-256QAM	M	Outer_Full	12.825	13.620	PASS
N41	30	15	CP-QPSK	M	Outer_Full	13.576	14.670	PASS
N41	30	15	CP-16QAM	M	Outer_Full	13.584	14.580	PASS
N41	30	15	CP-64QAM	M	Outer_Full	13.614	14.250	PASS
N41	30	15	CP-256QAM	M	Outer_Full	13.56	14.340	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.834	18.520	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.858	18.800	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.918	18.600	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.855	18.680	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.86	18.640	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.237	19.080	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.264	19.000	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.19	18.960	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.205	19.040	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.799	28.320	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.892	28.080	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.763	28.440	PASS



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N41	30	30	DFT-64QAM	M	Outer_Full	26.799	28.080	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.814	27.840	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.829	28.860	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.841	30.780	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.792	29.040	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.759	29.040	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.805	37.52	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.741	38.080	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.781	37.360	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.825	37.600	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.691	37.360	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.890	39.760	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.946	39.680	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.947	40.320	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.933	39.440	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.557	47.500	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.721	47.400	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.695	47.600	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.714	47.400	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.823	47.400	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.614	52.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.448	49.100	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.51	49.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.361	52.300	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.988	59.760	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.802	59.880	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.851	60.000	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.718	59.760	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.895	59.760	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.714	59.760	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.825	59.640	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.755	59.520	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.845	59.760	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.17	66.220	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.2	66.500	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.377	66.220	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.242	66.220	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.228	66.220	PASS



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N41	30	70	CP-QPSK	M	Outer_Full	67.425	69.580	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.591	69.440	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.3	69.720	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.459	69.440	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.104	80.320	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.126	80.000	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.19	81.600	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.022	80.160	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.136	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.391	80.640	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.577	80.640	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.395	80.640	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.519	80.640	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.778	88.920	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.605	88.920	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.849	88.740	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.664	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.657	88.740	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.477	90.540	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.53	90.720	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.664	90.720	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.33	90.900	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.308	99.800	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.333	99.800	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.323	99.800	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.29	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.337	100.200	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.451	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.387	100.800	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.444	100.800	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.27	101.000	PASS

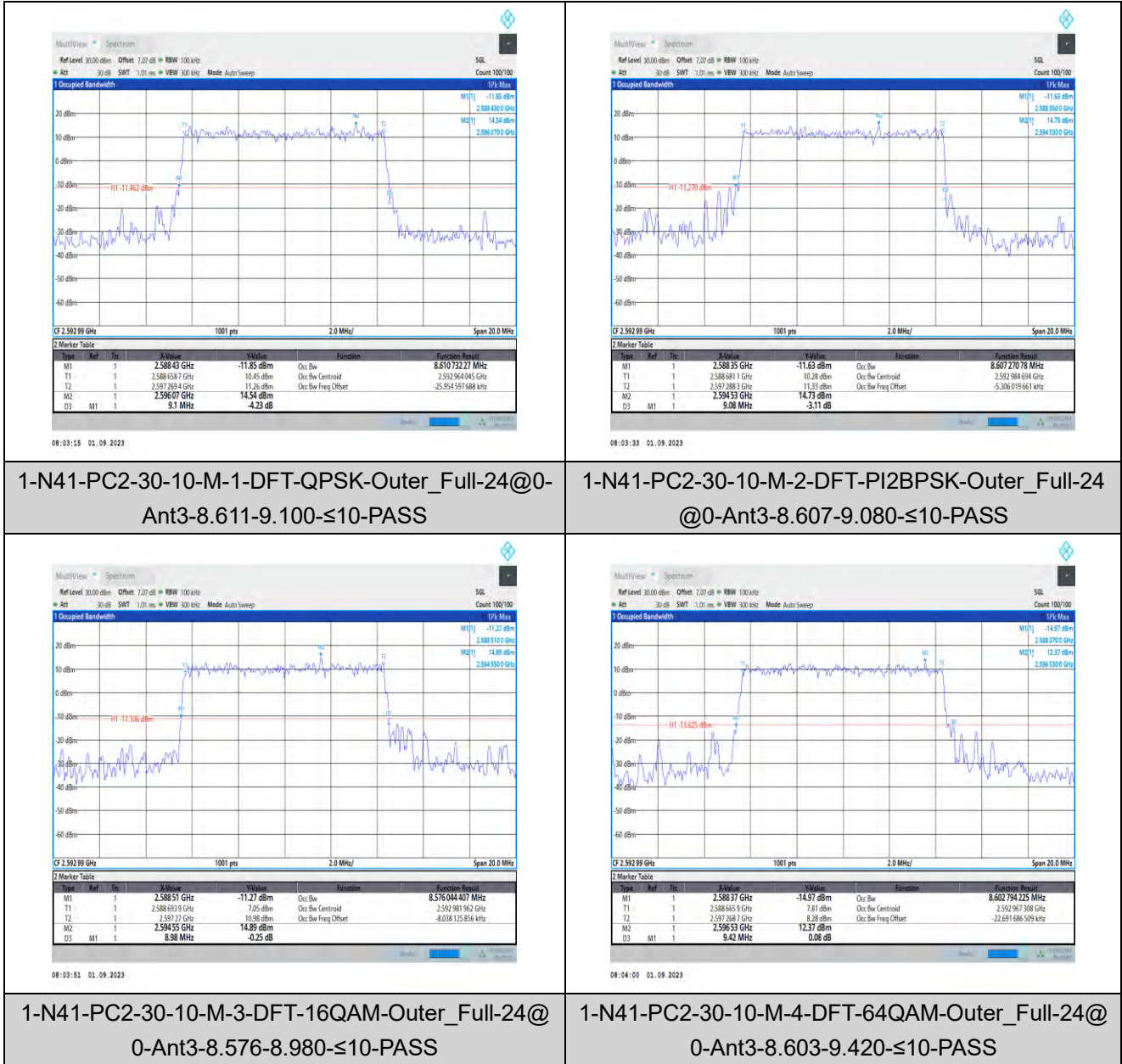


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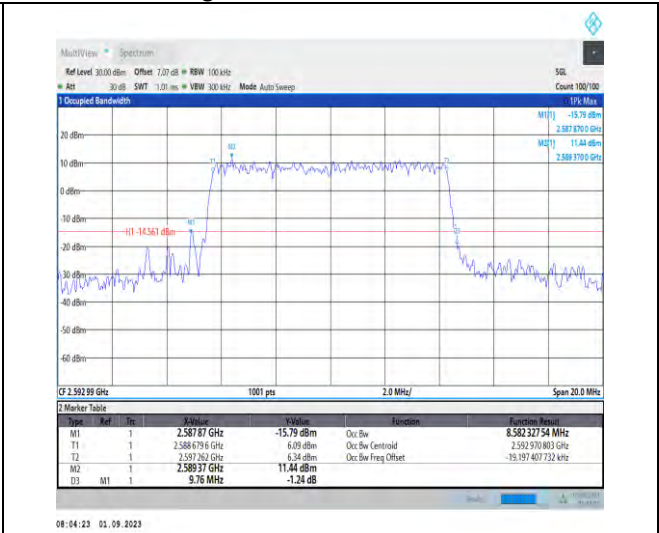
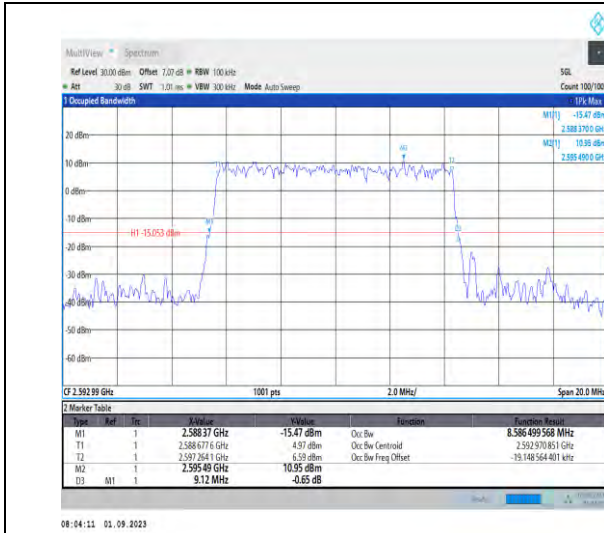
Test Graphs



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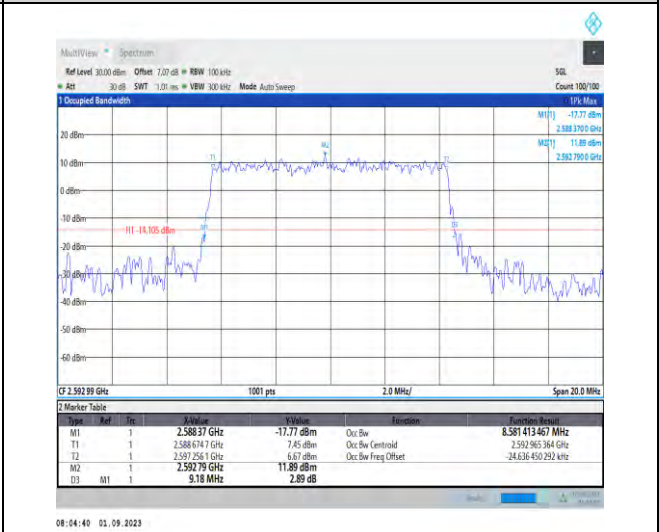
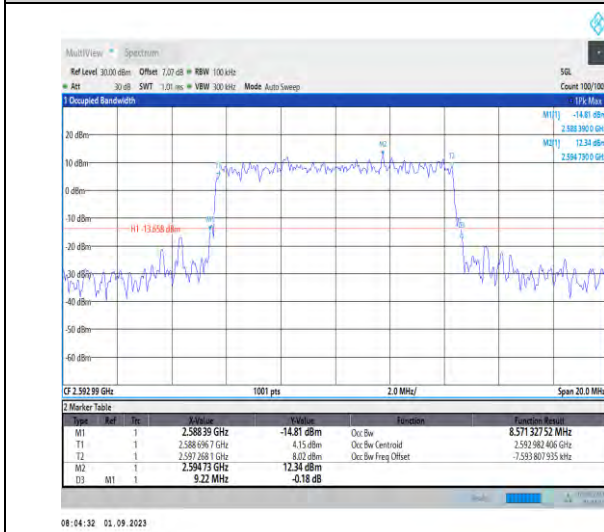
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1-N41-PC2-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant3-8.586-9.120-≤10-PASS

1-N41-PC2-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant3-8.582-9.760-≤10-PASS



1-N41-PC2-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant3-8.571-9.220-≤10-PASS

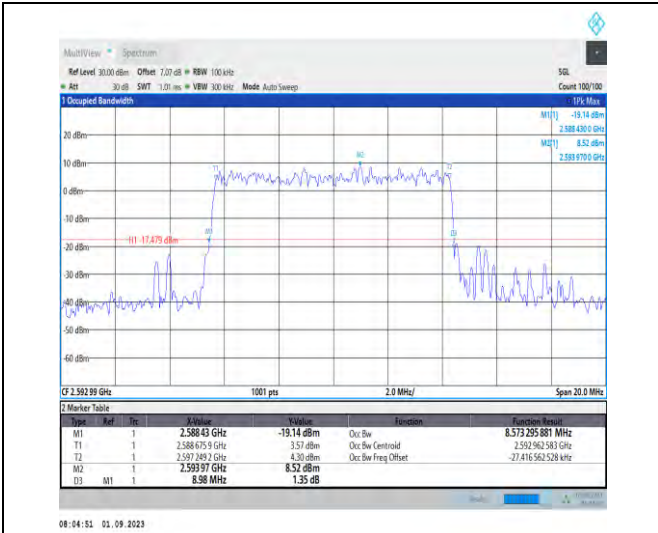
1-N41-PC2-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant3-8.581-9.180-≤10-PASS



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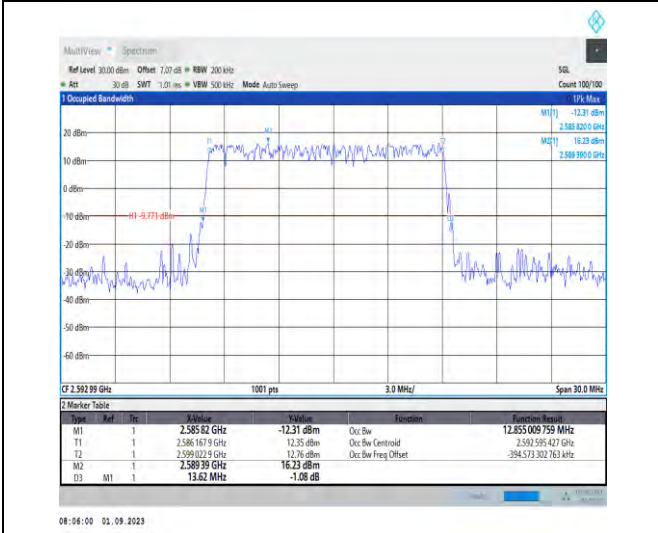
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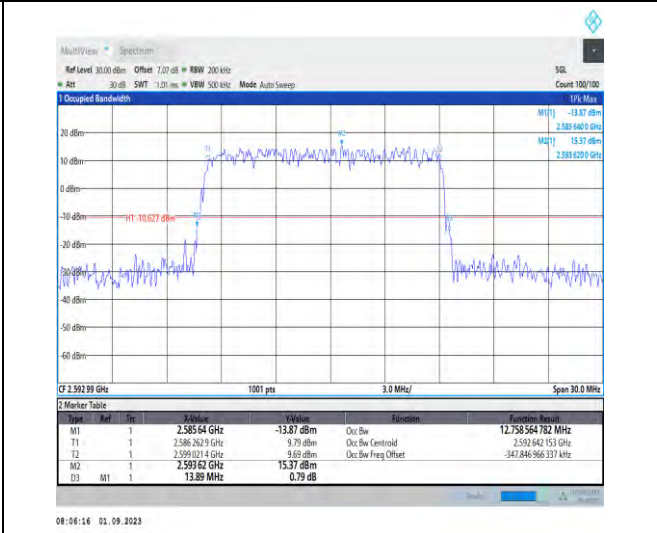
1-N41-PC2-30-10-M-9-CP-256QAM-Outer_Full-24@
0-Ant3-8.573-8.980-≤10-PASS



1-N41-PC2-30-15-M-1-DFT-QPSK-Outer_Full-36@
0-Ant3-12.868-13.590-≤15-PASS



1-N41-PC2-30-15-M-2-DFT-PI2BPSK-Outer_Full-36
@0-Ant3-12.855-13.620-≤15-PASS



1-N41-PC2-30-15-M-3-DFT-16QAM-Outer_Full-36@
0-Ant3-12.759-13.890-≤15-PASS

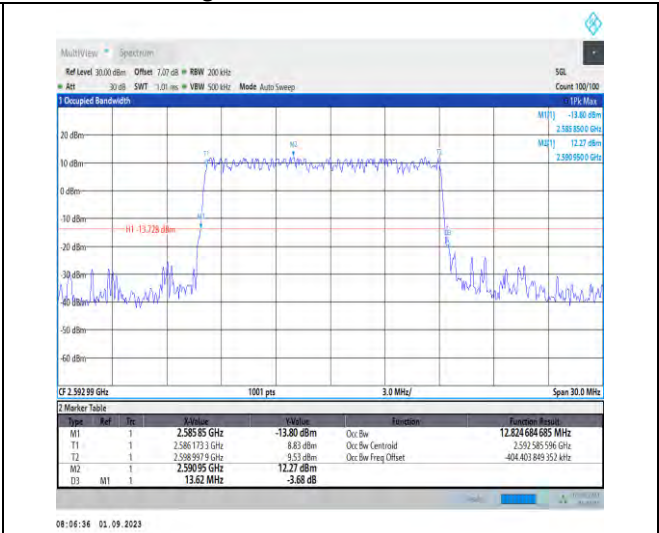
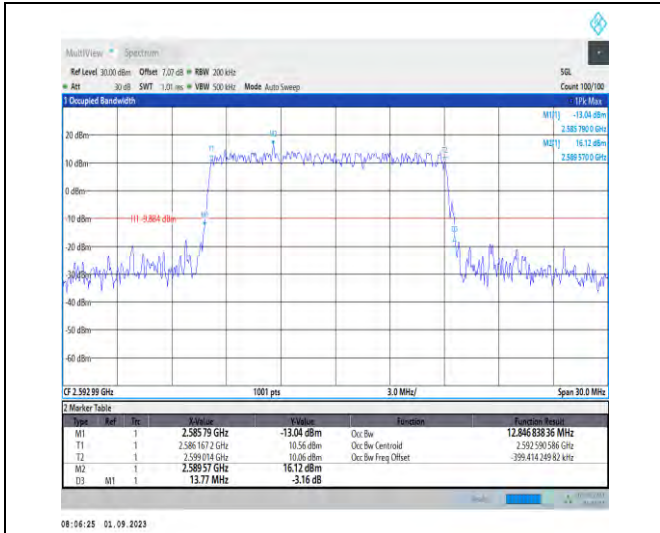


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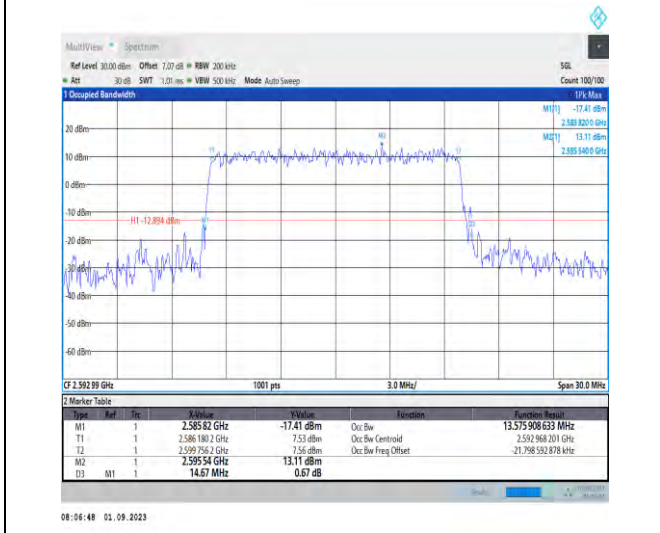
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1-N41-PC2-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant3-12.847-13.770-≤15-PASS

1-N41-PC2-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant3-12.825-13.620-≤15-PASS



1-N41-PC2-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant3-13.576-14.670-≤15-PASS

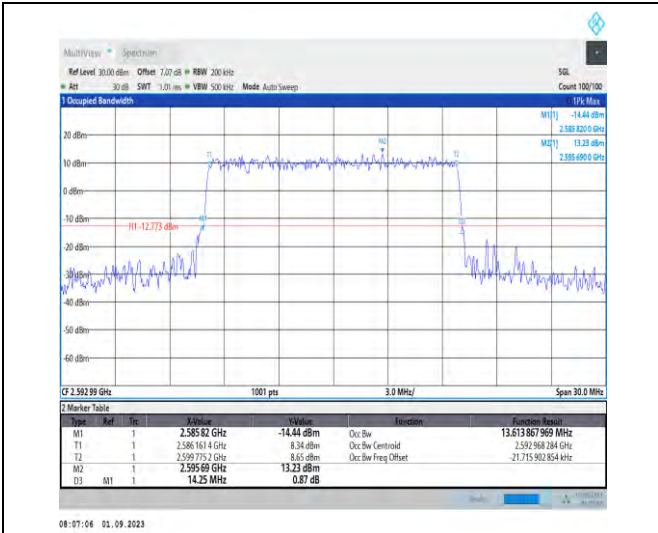
1-N41-PC2-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant3-13.584-14.580-≤15-PASS



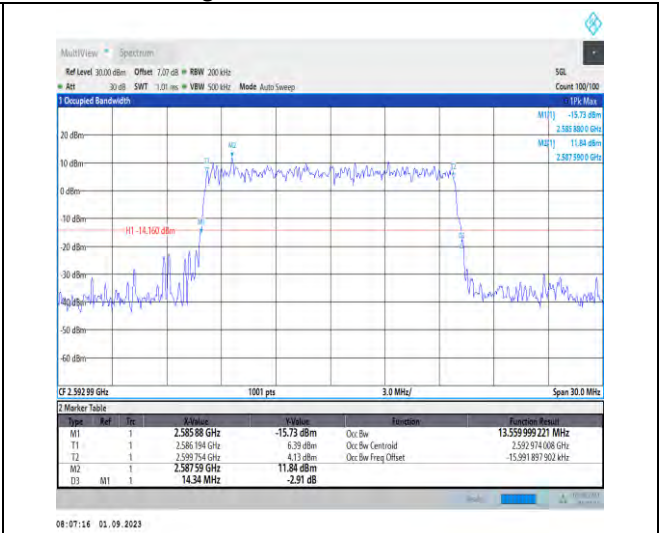
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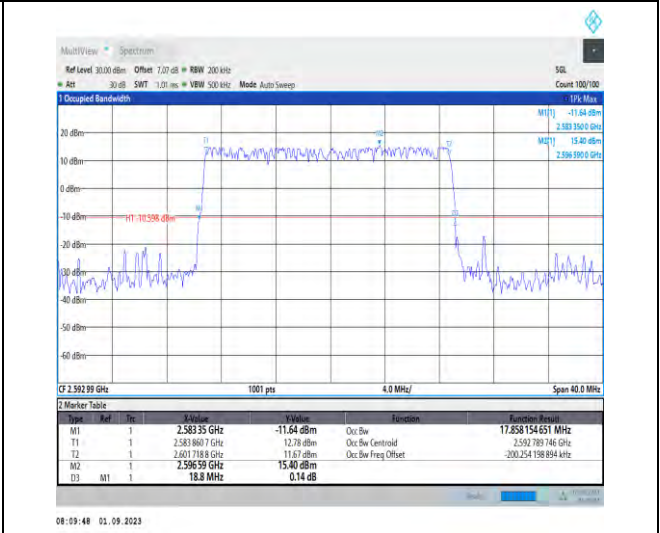
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-Ant3-13.56-14.340-<=15-PASS



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-Ant3-17.834-18.520-<=20-PASS



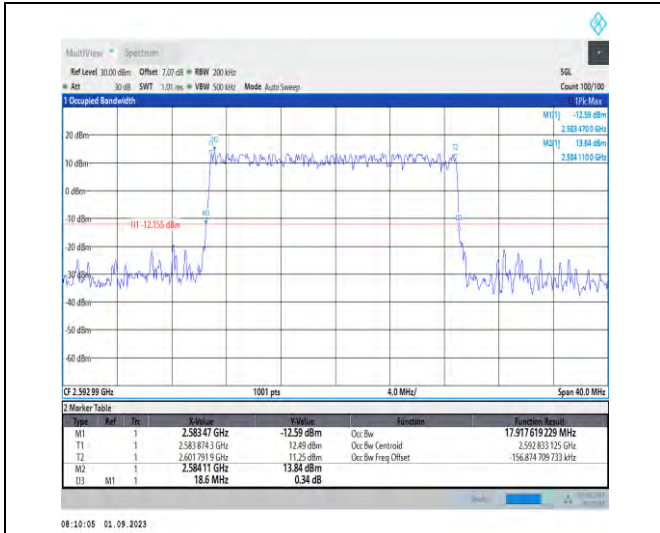
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-Ant3-17.858-18.800-<=20-PASS



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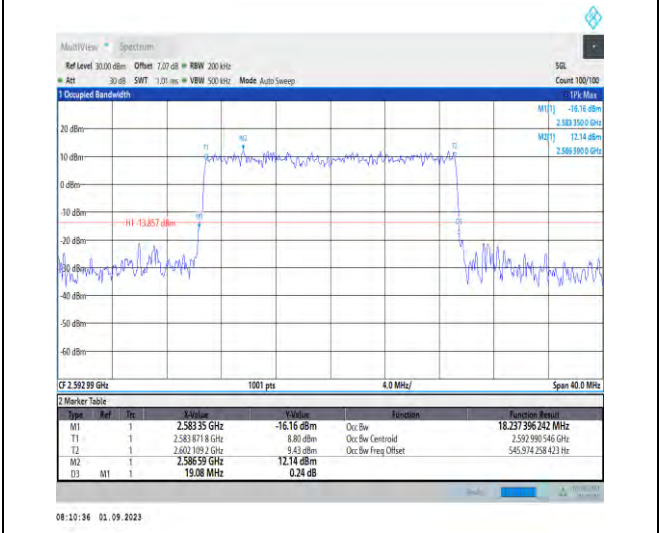
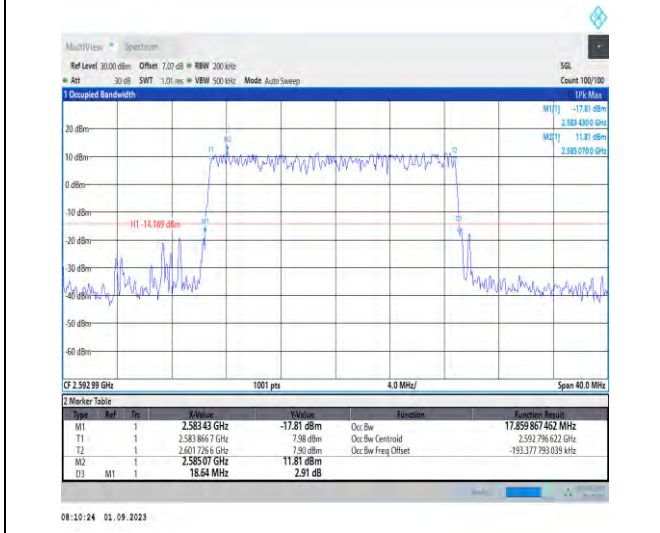
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1-N41-PC2-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant3-17.918-18.600-≤20-PASS

1-N41-PC2-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant3-17.855-18.680-≤20-PASS



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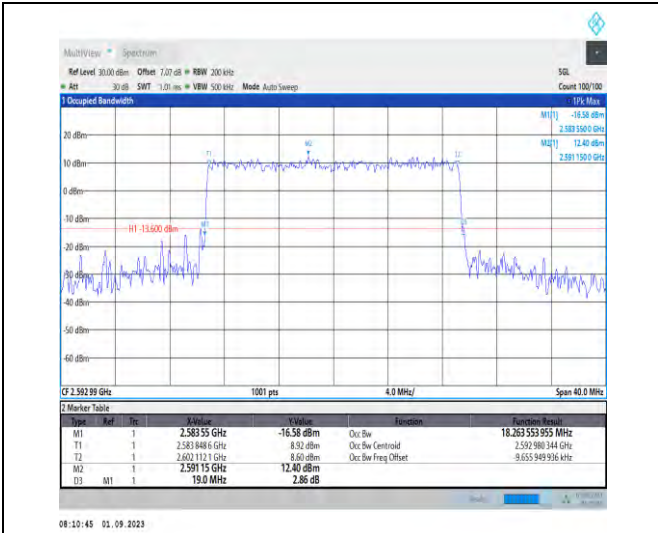
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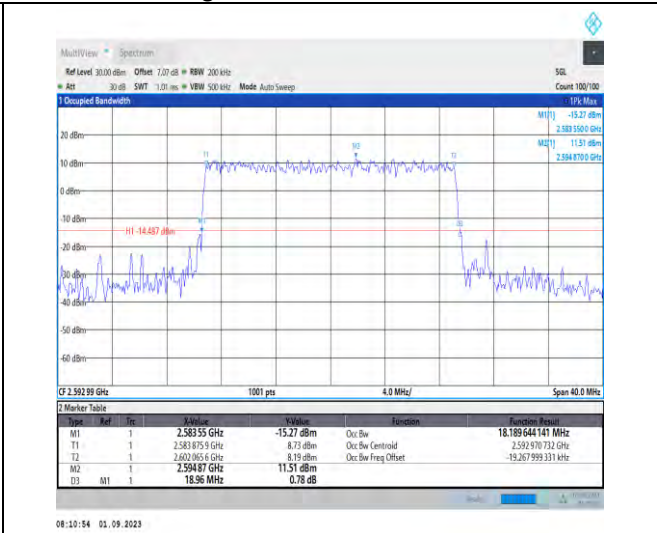
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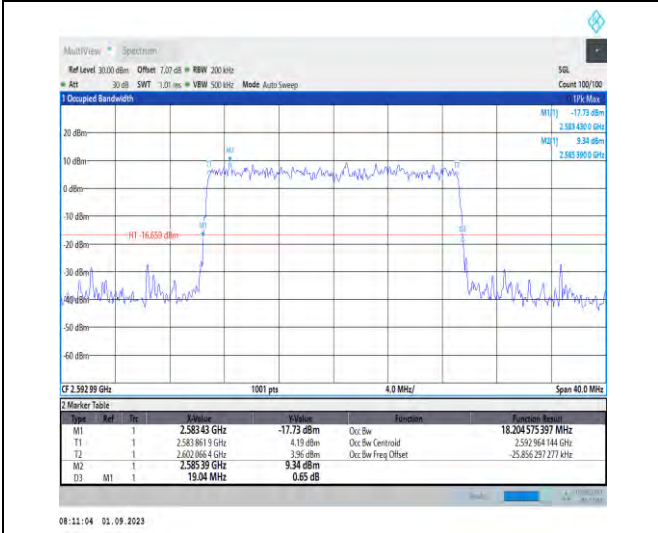
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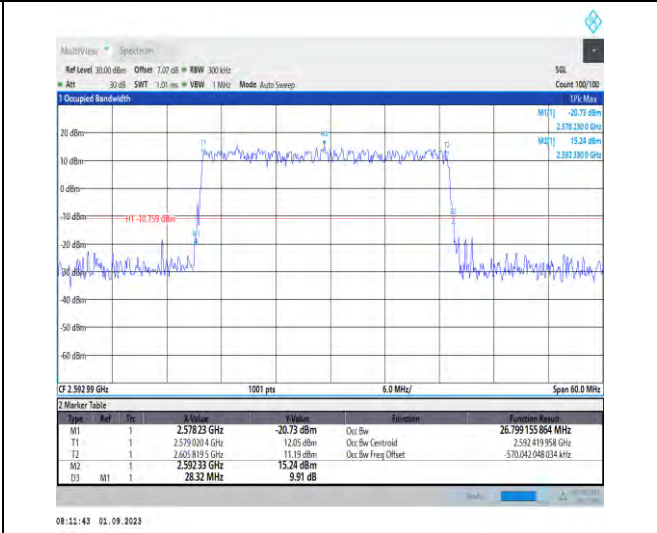
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-Ant3-18.19-18.960-≤20-PASS



1-N41-PC2-30-20-M-9-CP-256QAM-Outer_Full-51@0
0-Ant3-18.205-19.040-≤20-PASS



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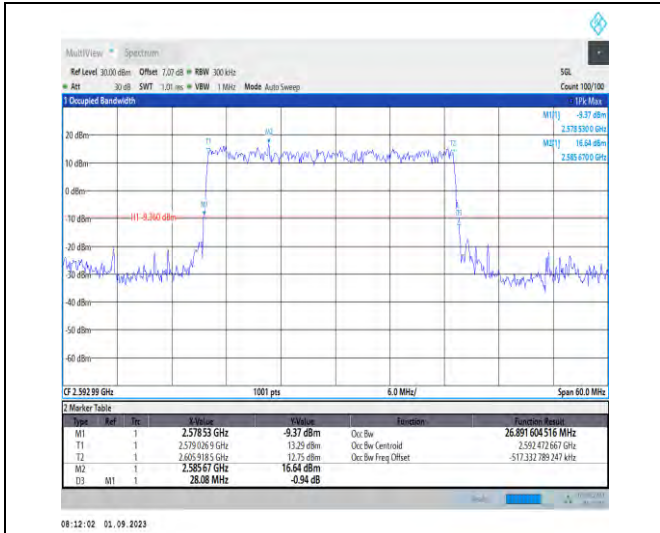


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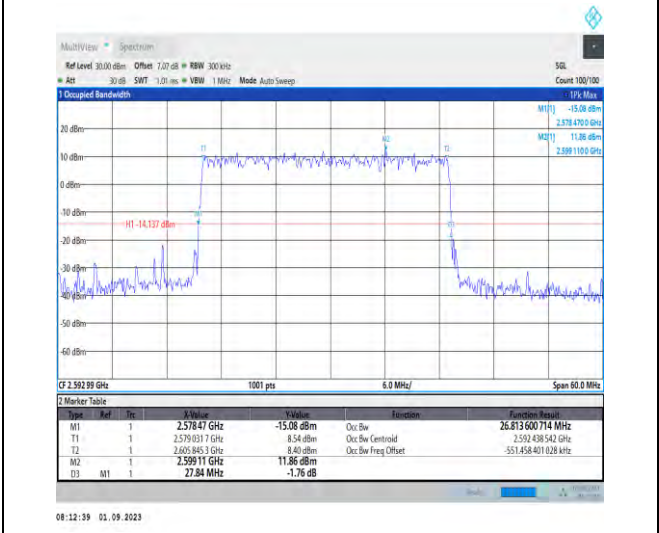
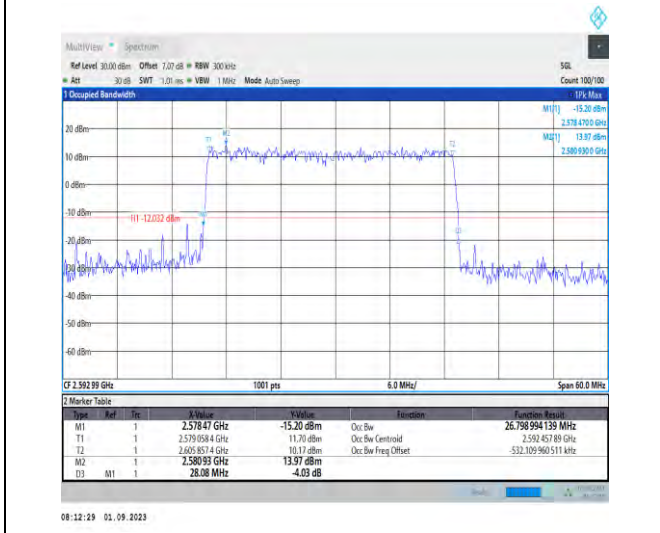
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1-N41-PC2-30-30-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant3-26.892-28.080-≤30-PASS

1-N41-PC2-30-30-M-3-DFT-16QAM-Outer_Full-75 @0-Ant3-26.763-28.440-≤30-PASS



1-N41-PC2-30-30-M-4-DFT-64QAM-Outer_Full-75 @0-Ant3-26.799-28.080-≤30-PASS

1-N41-PC2-30-30-M-5-DFT-256QAM-Outer_Full-75 @0-Ant3-26.814-27.840-≤30-PASS

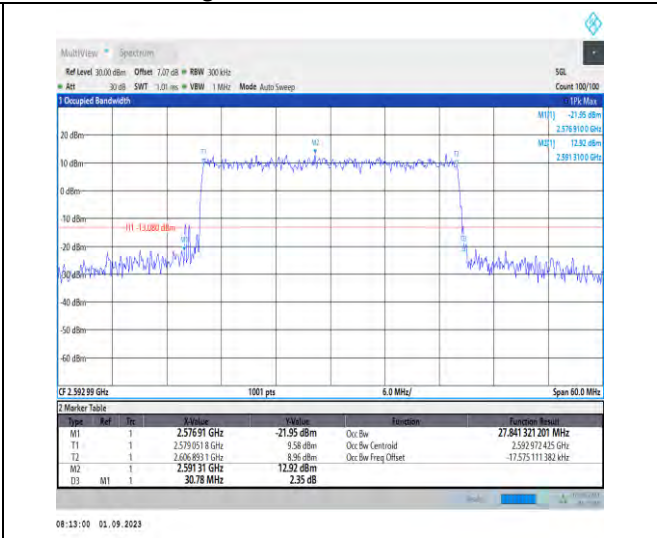
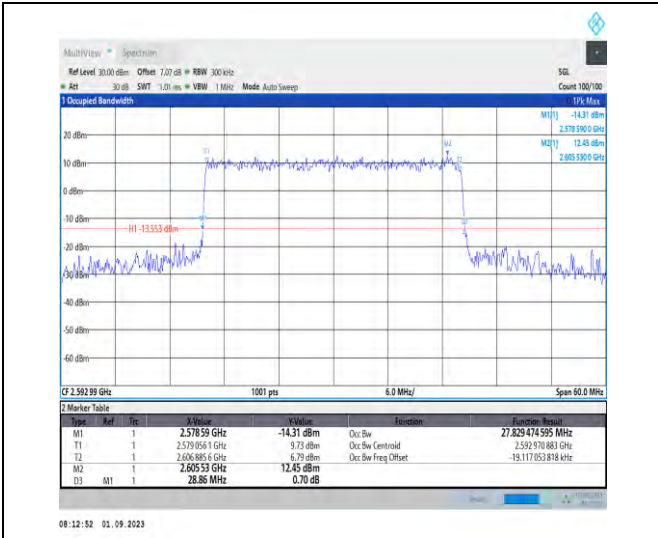


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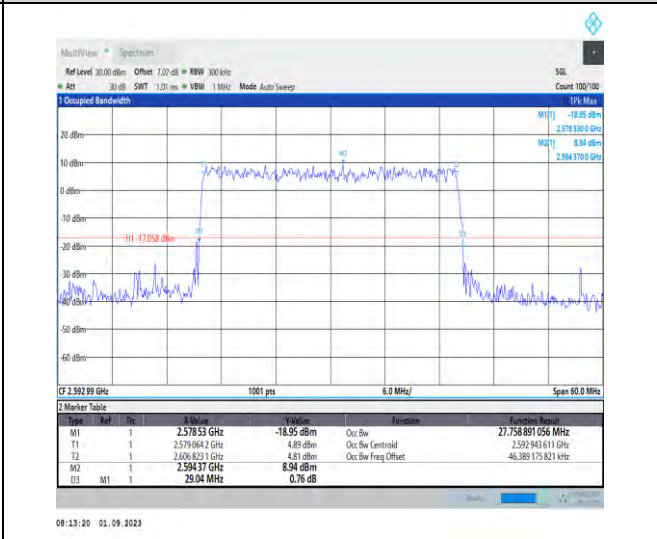
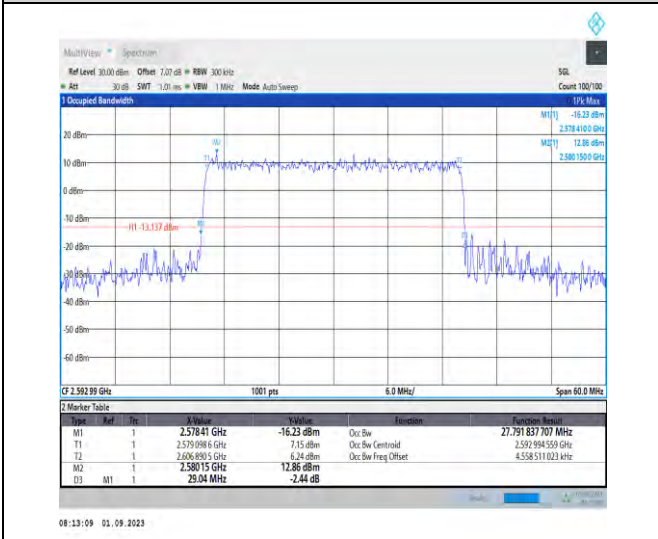
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1-N41-PC2-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant3-27.829-28.860-≤30-PASS

1-N41-PC2-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant3-27.841-30.780-≤30-PASS



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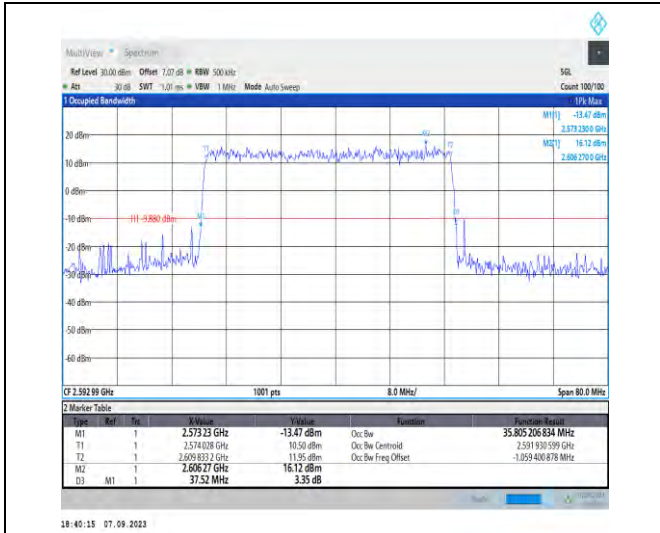
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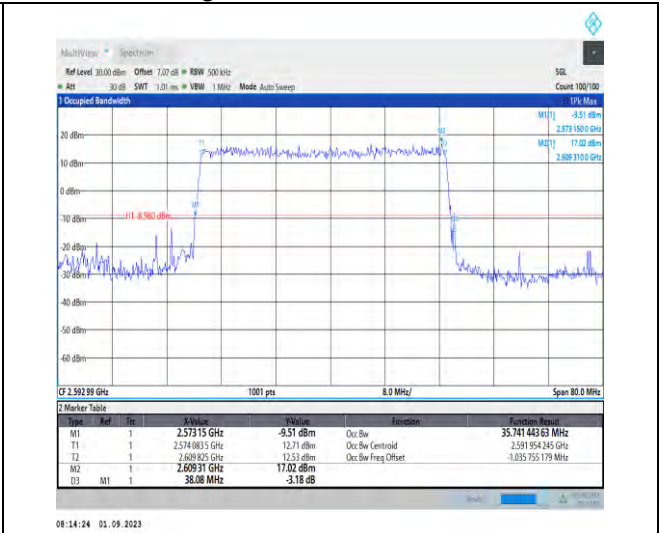
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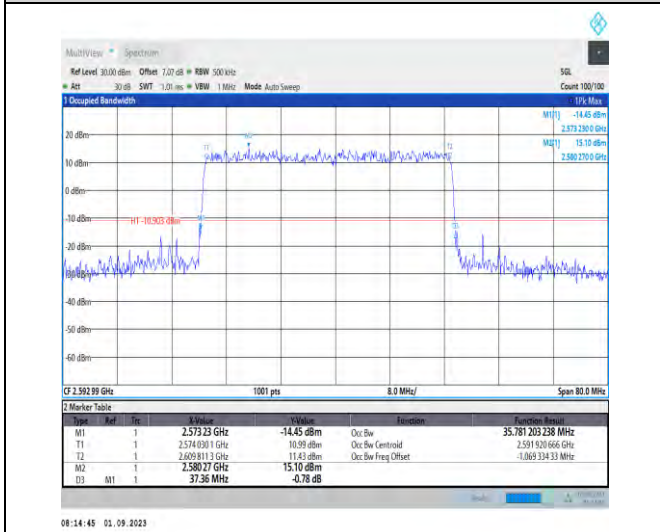
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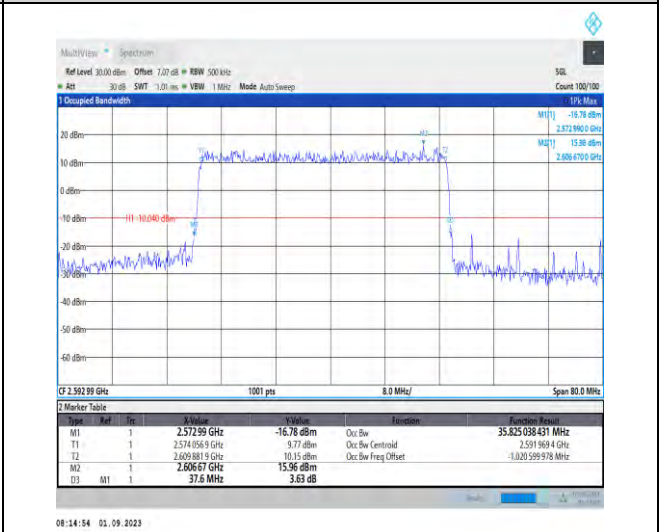
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0-Ant3-35.741-38.080-≤40-PASS



1-N41-PC2-30-40-M-3-DFT-16QAM-Outer_Full-100
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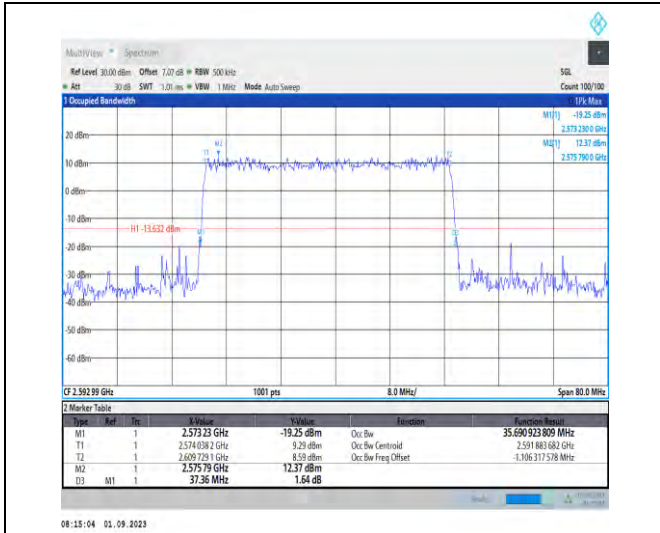
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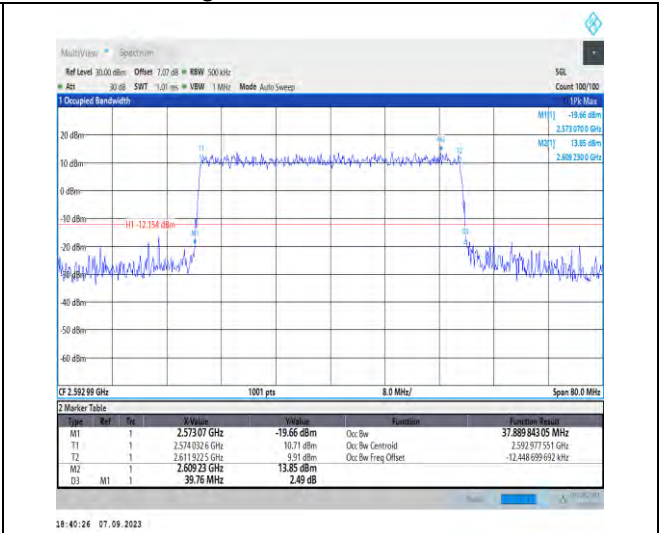
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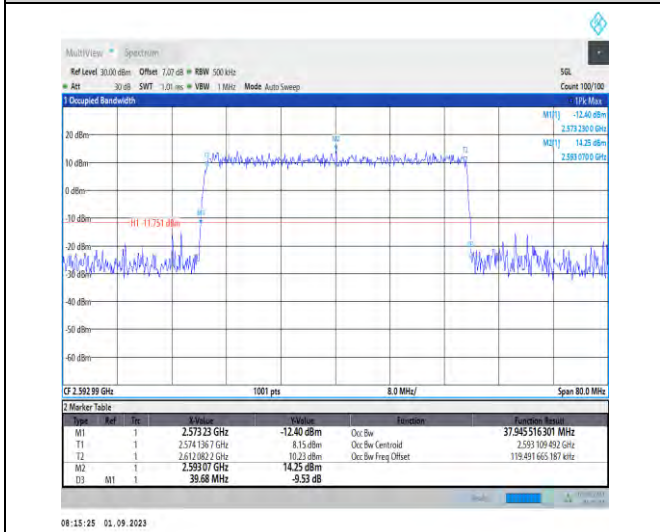
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1-N41-PC2-30-40-M-5-DFT-256QAM-Outer_Full-100 @0-Ant3-35.691-37.360-≤40-PASS



1-N41-PC2-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant3-37.890-39.76-≤40-PASS



1-N41-PC2-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant3-37.946-39.680-≤40-PASS



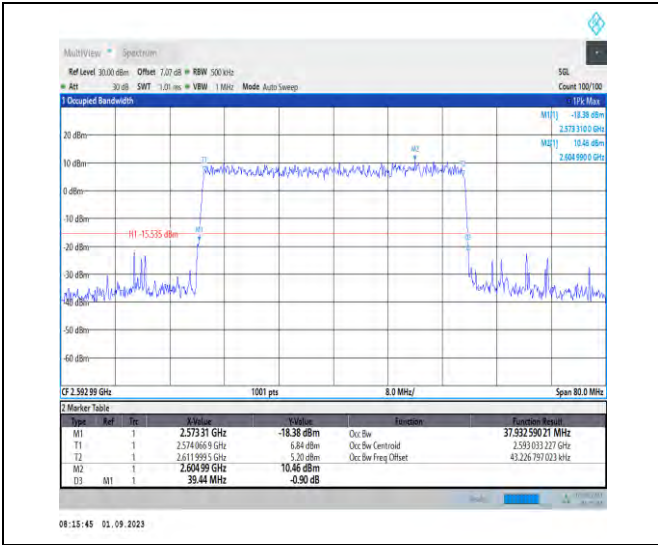
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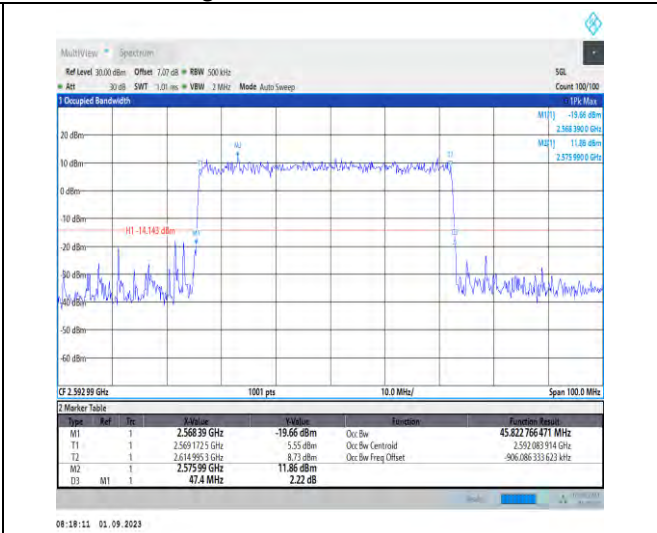
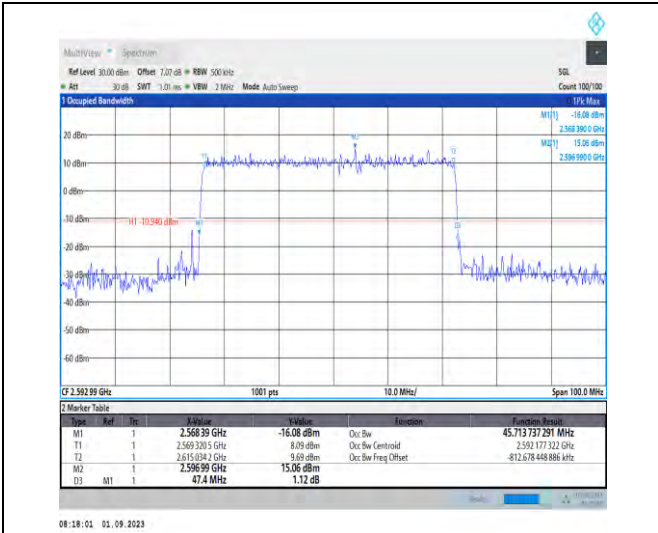


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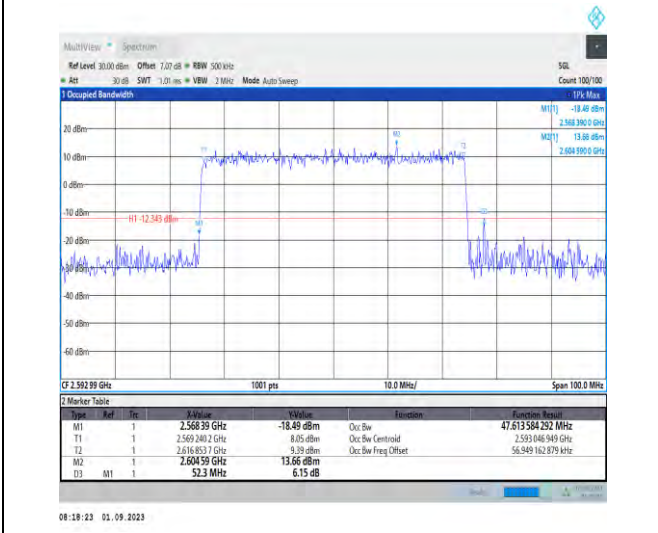
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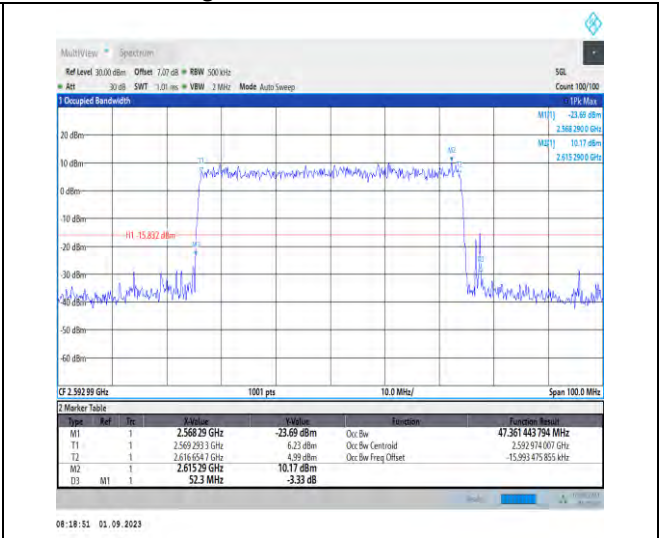
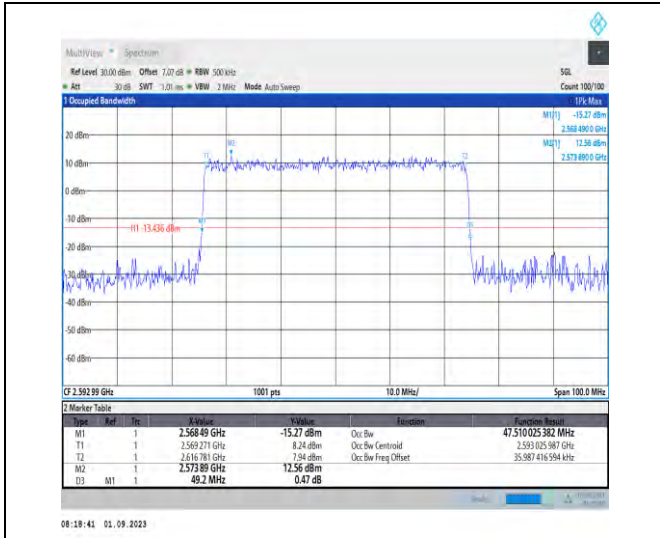
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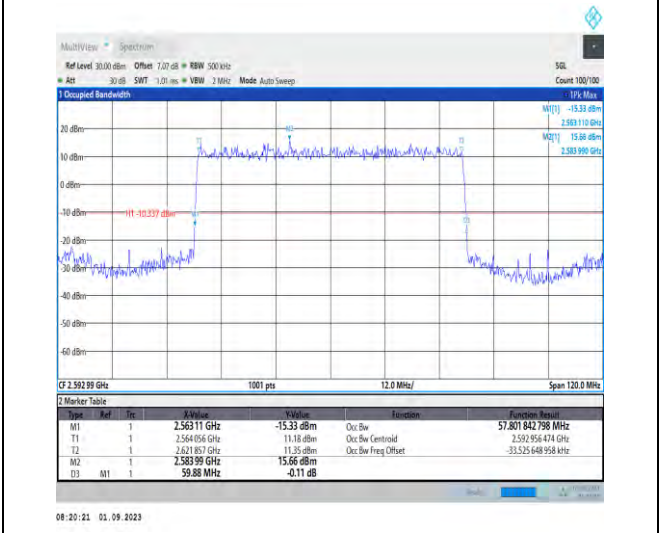
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1-N41-PC2-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant3-47.51-49.200-≤50-PASS

1-N41-PC2-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant3-47.361-52.300-≤50-PASS



1-N41-PC2-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant3-57.988-59.760-≤60-PASS

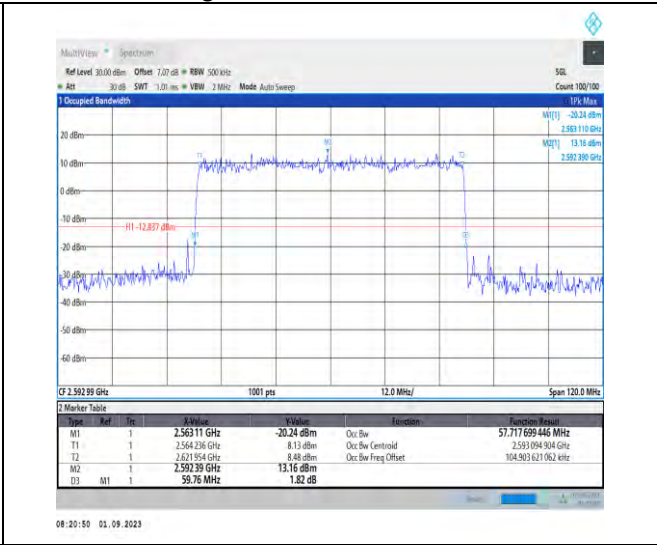
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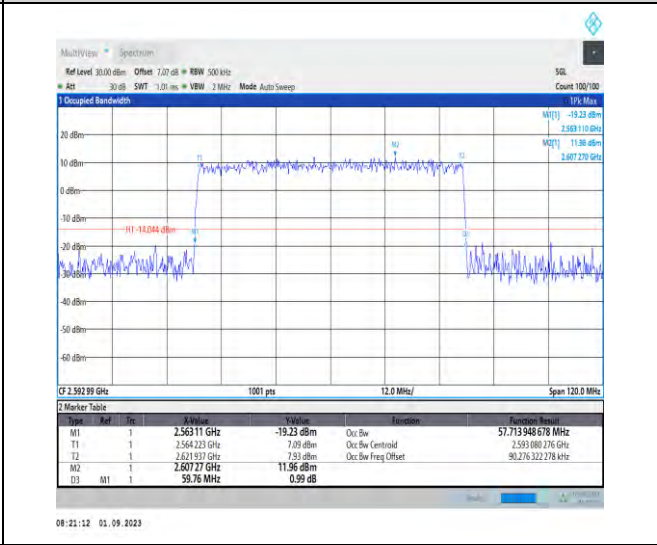
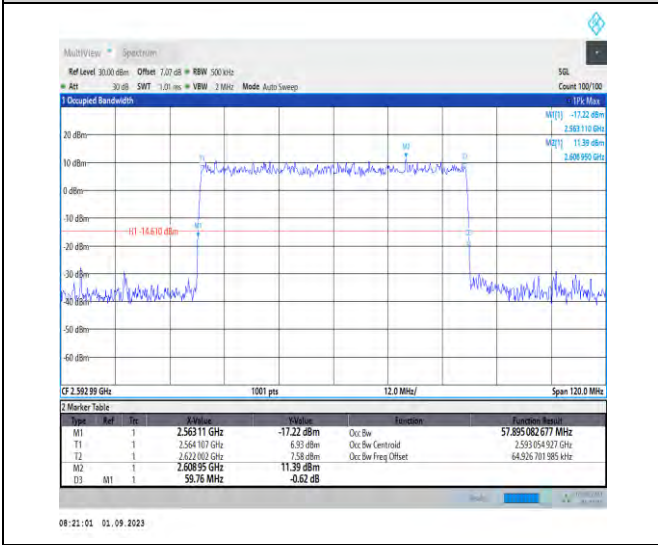
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1-N41-PC2-30-60-M-3-DFT-16QAM-Outer_Full-162 @0-Ant3-57.851-60.000-≤60-PASS

1-N41-PC2-30-60-M-4-DFT-64QAM-Outer_Full-162 @0-Ant3-57.718-59.760-≤60-PASS



1-N41-PC2-30-60-M-5-DFT-256QAM-Outer_Full-162 @0-Ant3-57.895-59.760-≤60-PASS

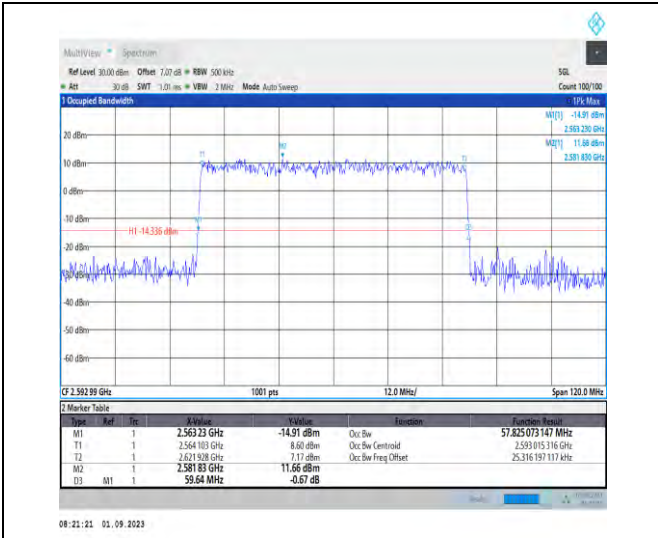
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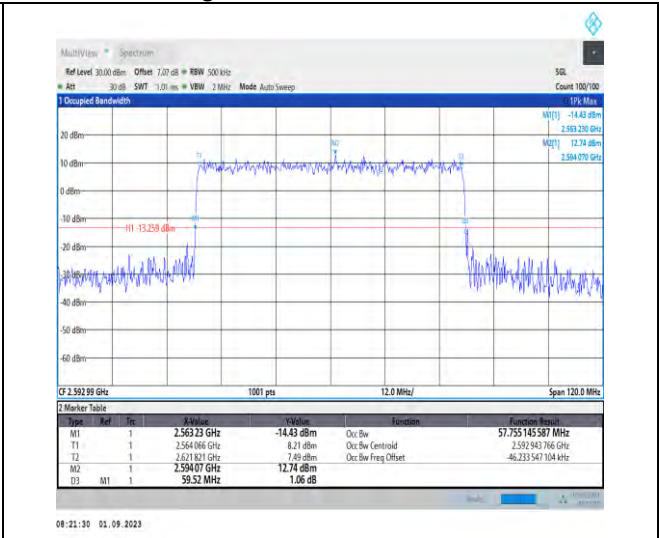
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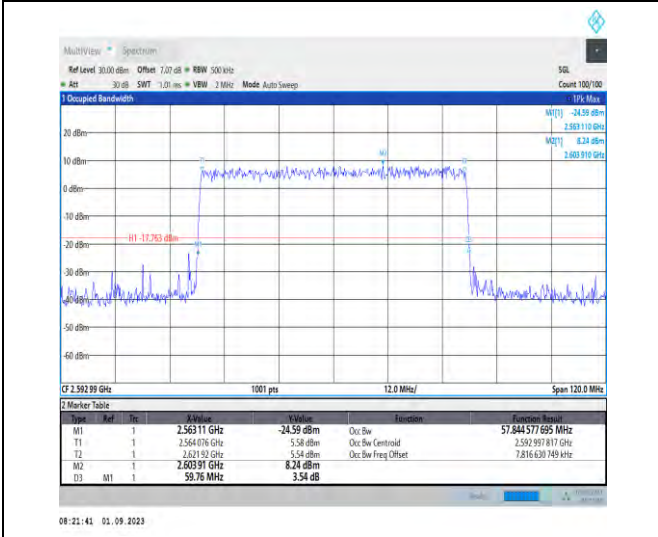
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1-N41-PC2-30-60-M-7-CP-16QAM-Outer_Full-162@
0-Ant3-57.825-59.640-≤60-PASS



1-N41-PC2-30-60-M-8-CP-64QAM-Outer_Full-162@
0-Ant3-57.755-59.520-≤60-PASS



1-N41-PC2-30-60-M-9-CP-256QAM-Outer_Full-162
@0-Ant3-57.845-59.760-≤60-PASS



1-N41-PC2-30-70-M-1-DFT-QPSK-Outer_Full-180@
0-Ant3-64.17-66.220-≤70-PASS

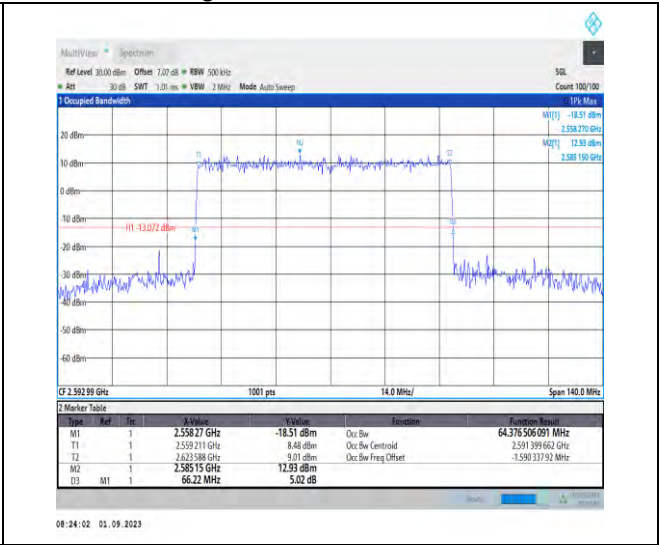
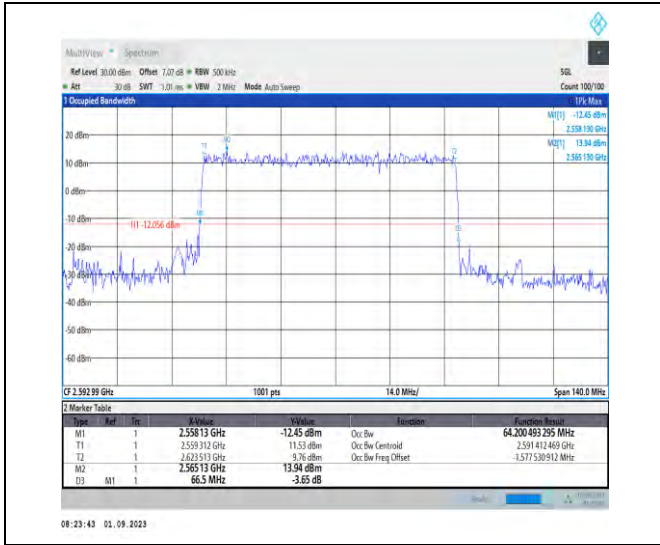


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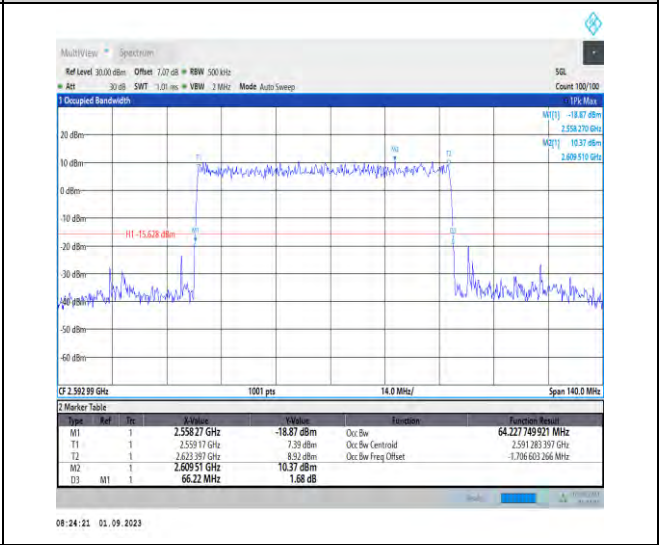
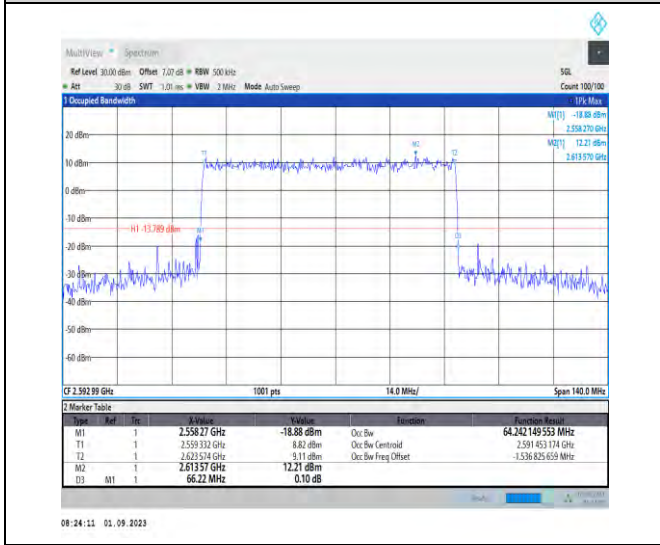
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1-N41-PC2-30-70-M-2-DFT-PI2BPSK-Outer_Full-180
 @0-Ant3-64.2-66.500-≤70-PASS

1-N41-PC2-30-70-M-3-DFT-16QAM-Outer_Full-180
 @0-Ant3-64.377-66.220-≤70-PASS



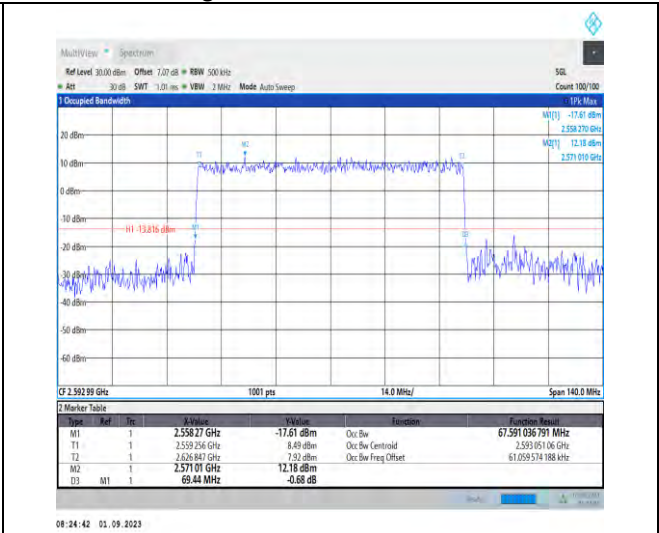
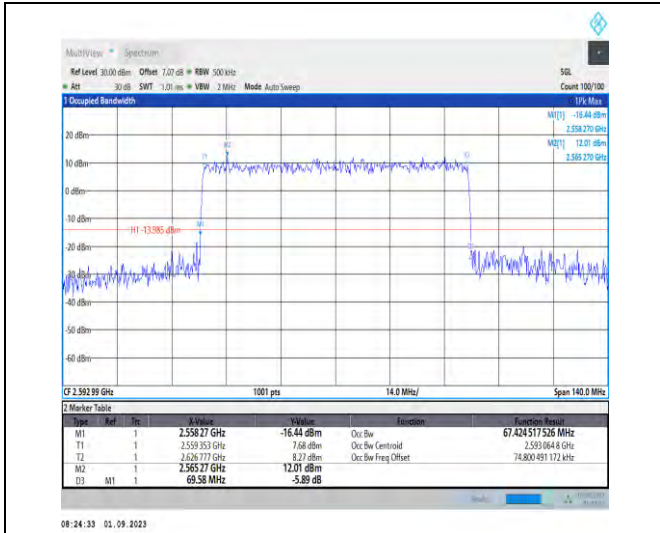
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 @0-Ant3-64.242-66.220-≤70-PASS

1-N41-PC2-30-70-M-5-DFT-256QAM-Outer_Full-180
 @0-Ant3-64.228-66.220-≤70-PASS



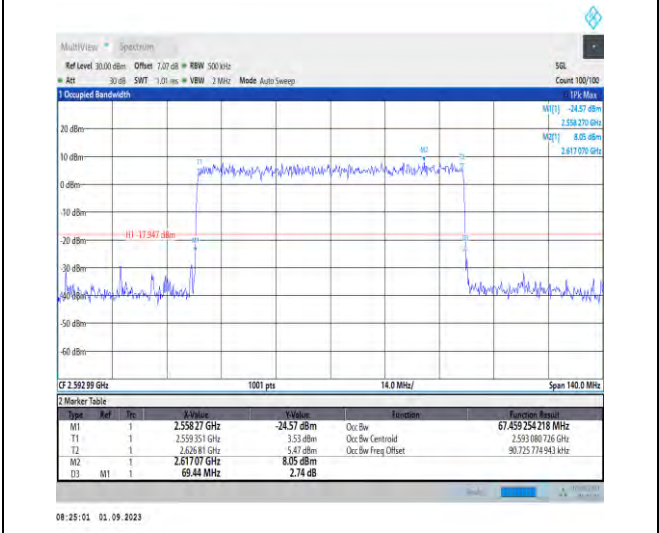
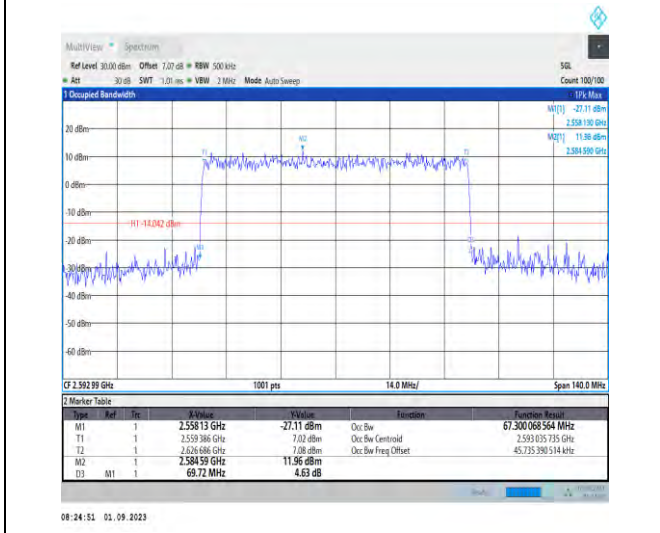
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1-N41-PC2-30-70-M-6-CP-QPSK-Outer_Full-189@0
-Ant3-67.425-69.580-≤70-PASS

1-N41-PC2-30-70-M-7-CP-16QAM-Outer_Full-189@0
-Ant3-67.591-69.440-≤70-PASS



1-N41-PC2-30-70-M-8-CP-64QAM-Outer_Full-189@0
-Ant3-67.3-69.720-≤70-PASS

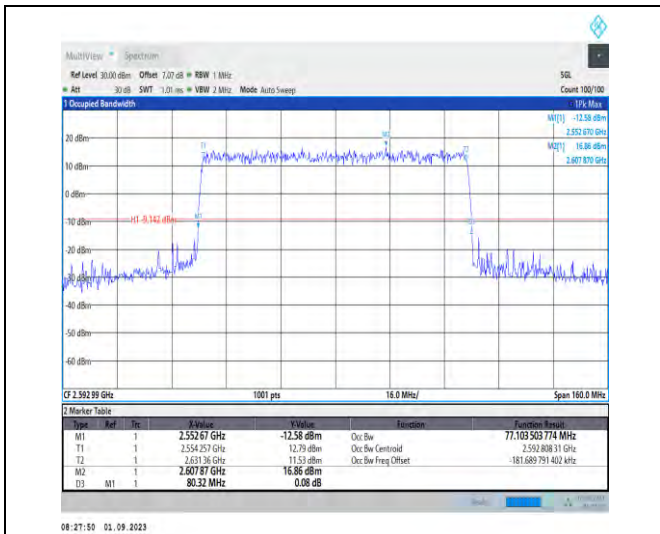
1-N41-PC2-30-70-M-9-CP-256QAM-Outer_Full-189@0
-Ant3-67.459-69.440-≤70-PASS



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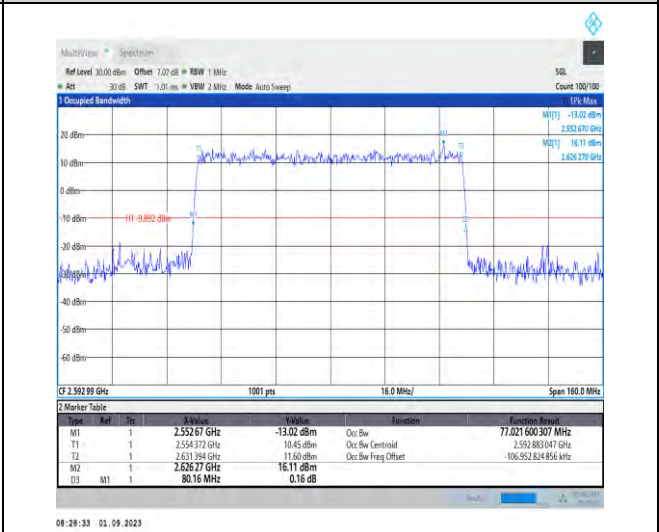
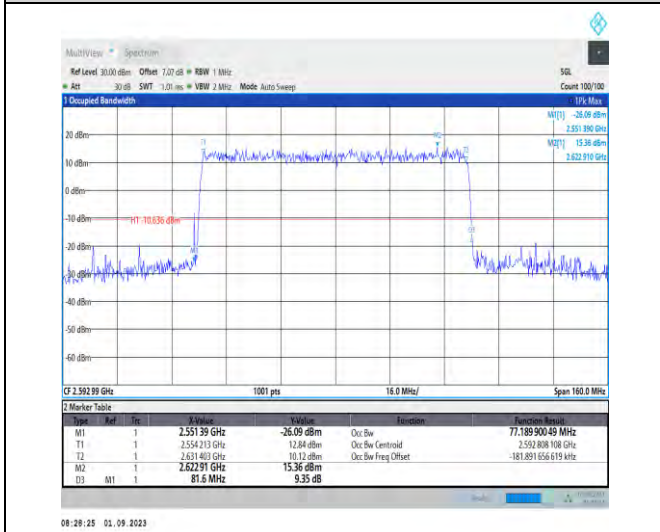
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1-N41-PC2-30-80-M-1-DFT-QPSK-Outer_Full-216@
0-Ant3-77.104-80.320-≤80-PASS

1-N41-PC2-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@
0-Ant3-77.126-80.000-≤80-PASS



1-N41-PC2-30-80-M-3-DFT-16QAM-Outer_Full-216@
0-Ant3-77.19-81.600-≤80-PASS

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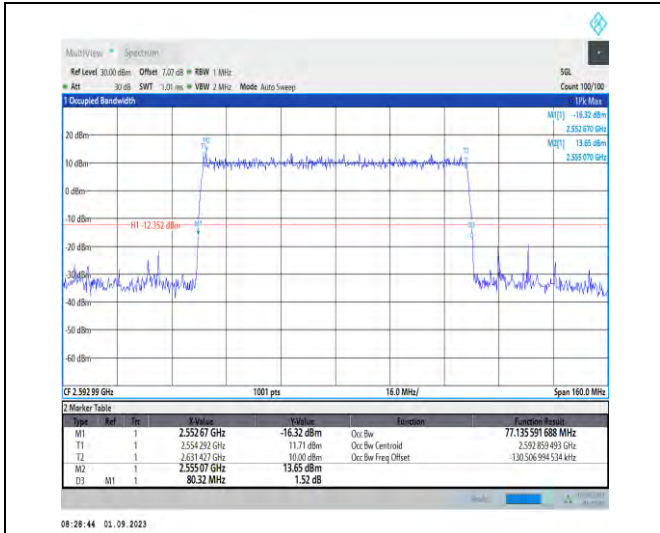


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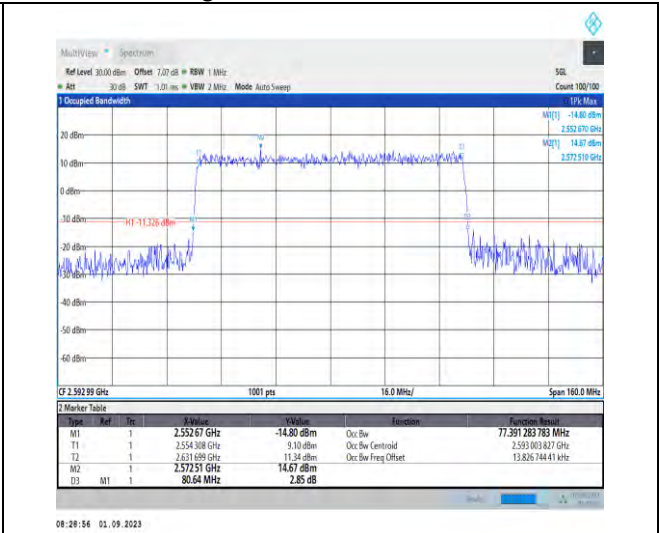
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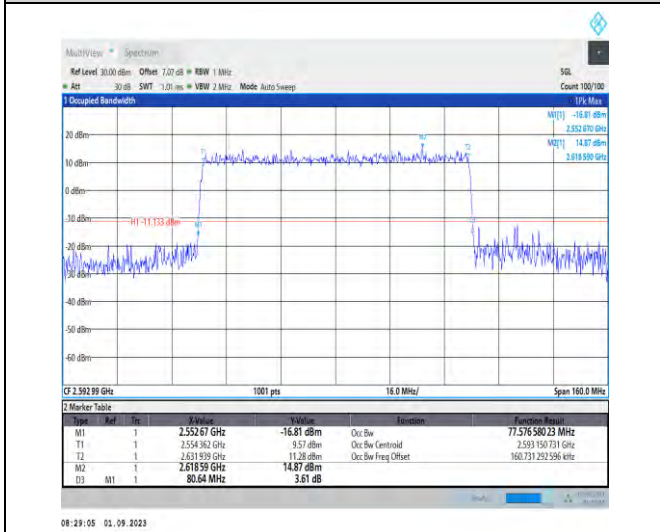
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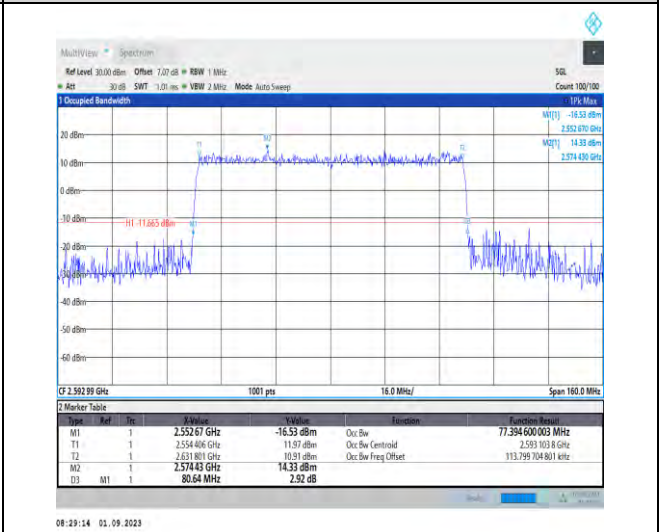
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1-N41-PC2-30-80-M-6-CP-QPSK-Outer_Full-217@0-Ant3-77.391-80.640-<80-PASS



1-N41-PC2-30-80-M-7-CP-16QAM-Outer_Full-217@0-Ant3-77.577-80.640-<80-PASS



1-N41-PC2-30-80-M-8-CP-64QAM-Outer_Full-217@0-Ant3-77.395-80.640-<80-PASS

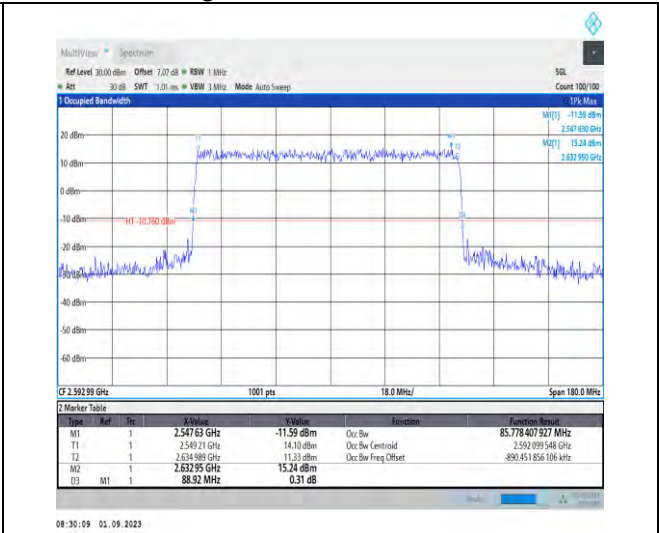
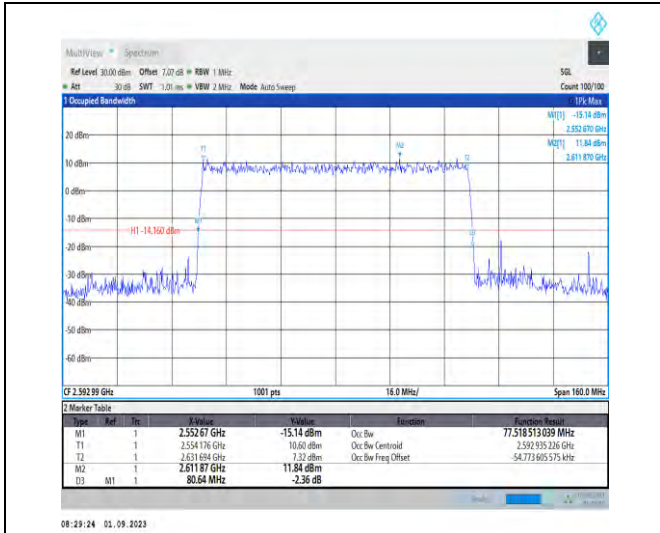


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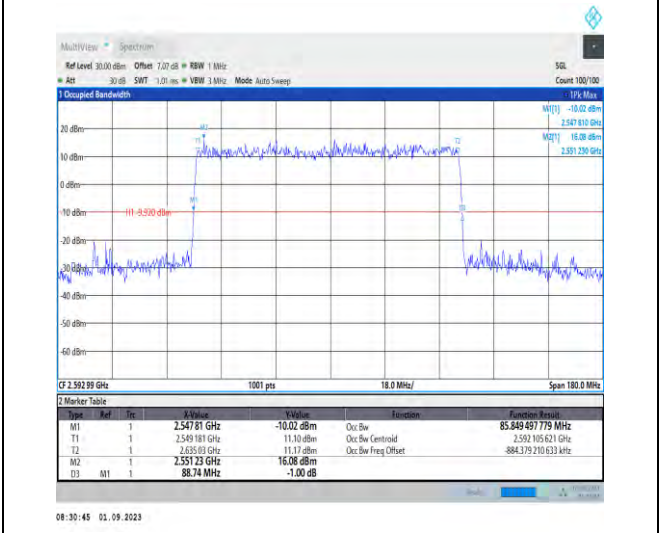
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1-N41-PC2-30-80-M-9-CP-256QAM-Outer_Full-217 @0-Ant3-77.519-80.640-≤80-PASS

1-N41-PC2-30-90-M-1-DFT-QPSK-Outer_Full-240 @0-Ant3-85.778-88.920-≤90-PASS



1-N41-PC2-30-90-M-2-DFT-PI2BPSK-Outer_Full-240 @0-Ant3-85.605-88.920-≤90-PASS

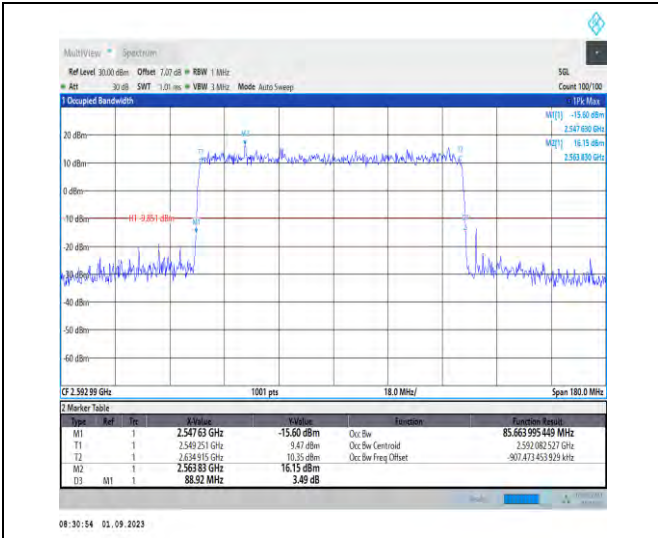
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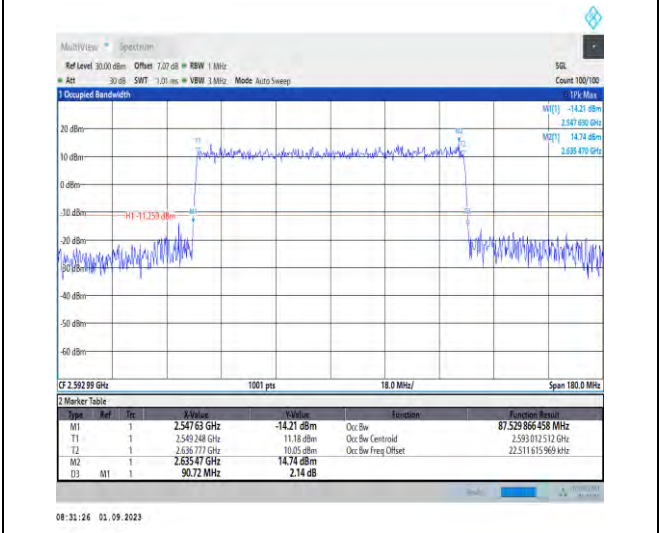
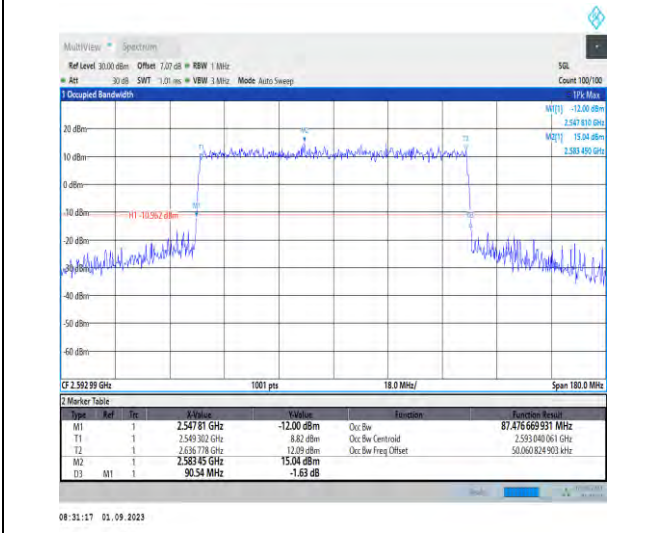
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1-N41-PC2-30-90-M-4-DFT-64QAM-Outer_Full-240 @0-Ant3-85.664-88.920-≤90-PASS

1-N41-PC2-30-90-M-5-DFT-256QAM-Outer_Full-240 @0-Ant3-85.657-88.740-≤90-PASS



1-N41-PC2-30-90-M-6-CP-QPSK-Outer_Full-245@0 -Ant3-87.477-90.540-≤90-PASS

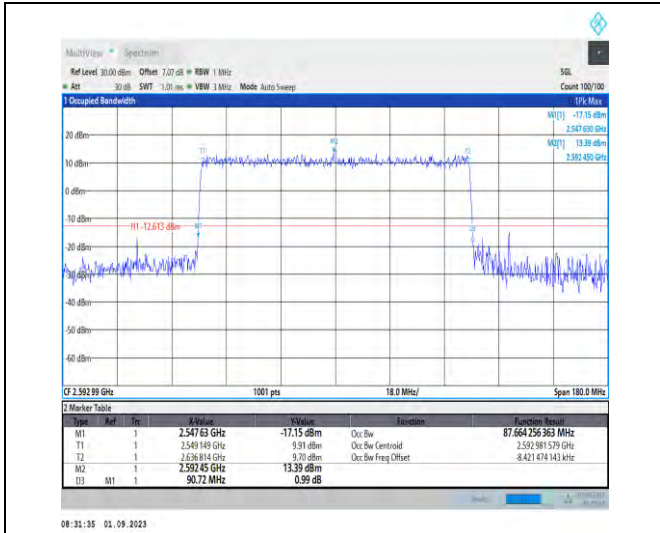
1-N41-PC2-30-90-M-7-CP-16QAM-Outer_Full-245@0 -Ant3-87.53-90.720-≤90-PASS



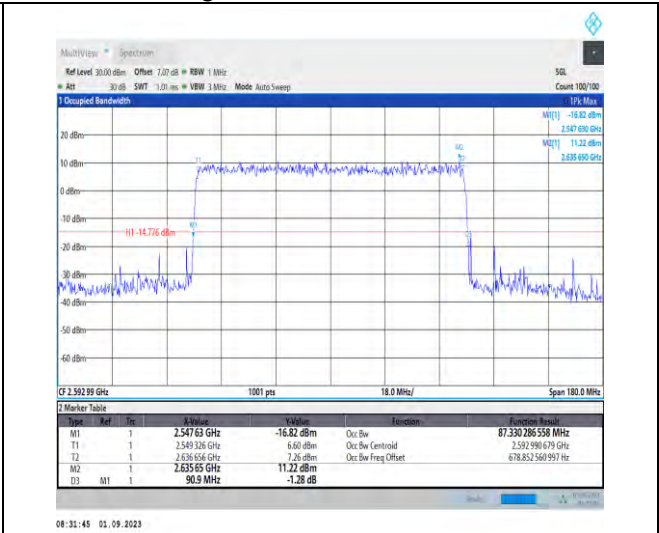
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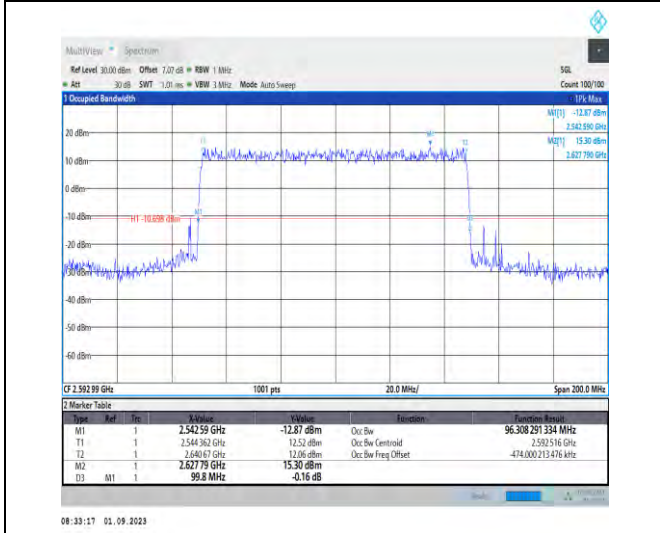
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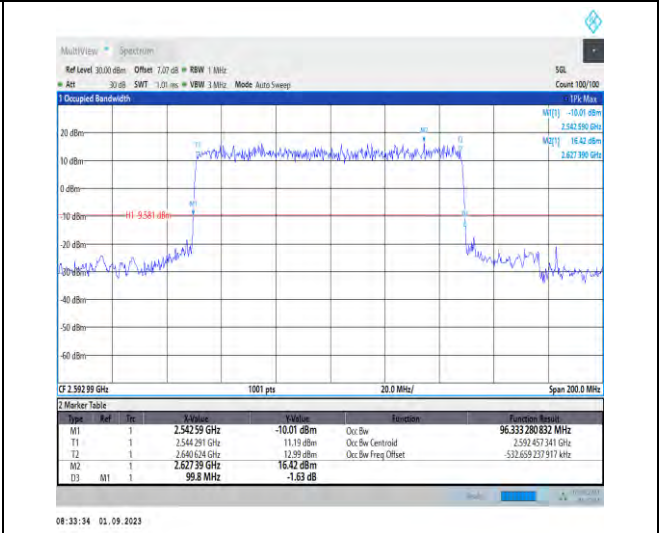
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1-N41-PC2-30-90-M-9-CP-256QAM-Outer_Full-245
@0-Ant3-87.33-90.900-<=90-PASS



1-N41-PC2-30-100-M-1-DFT-QPSK-Outer_Full-270
@0-Ant3-96.308-99.800-<=100-PASS



1-N41-PC2-30-100-M-2-DFT-PI2BPSK-Outer_Full-2
70@0-Ant3-96.333-99.800-<=100-PASS

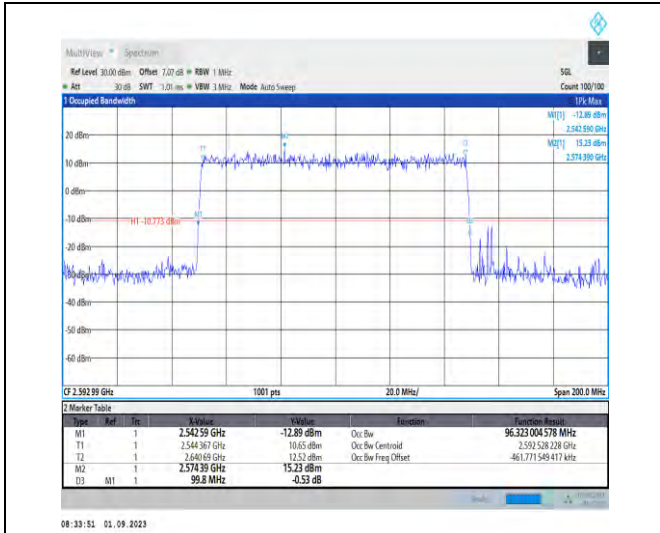


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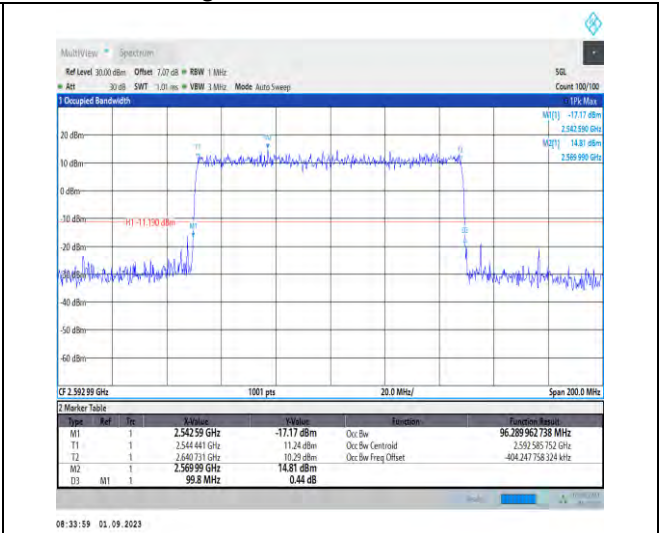
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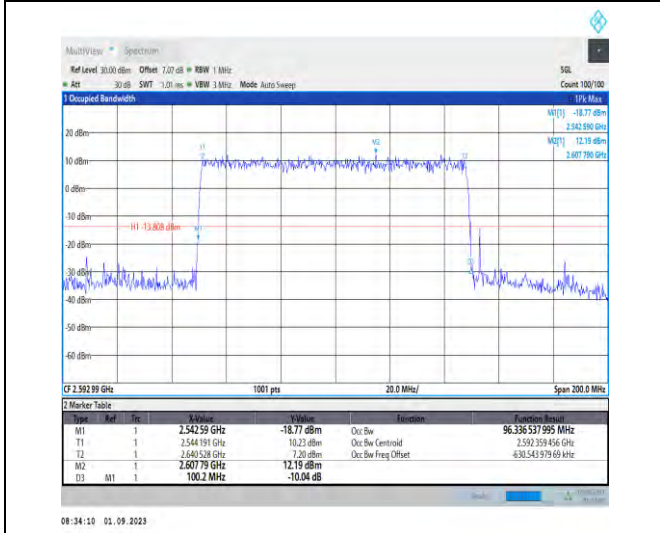
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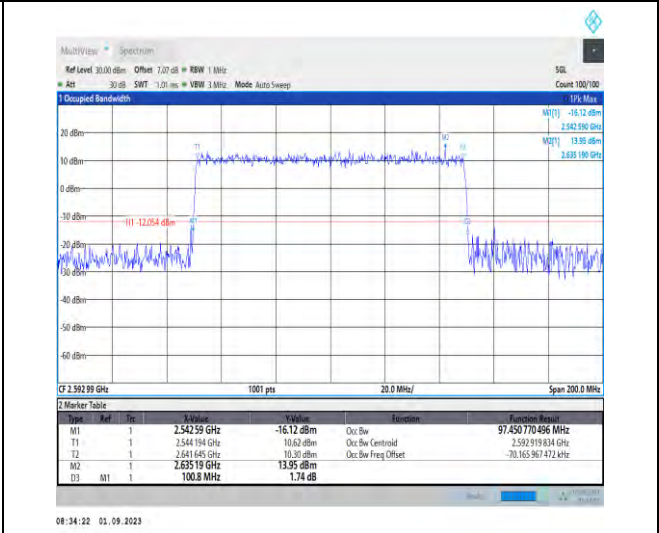
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1-N41-PC2-30-100-M-4-DFT-64QAM-Outer_Full-270 @0-Ant3-96.29-99.800-≤100-PASS



1-N41-PC2-30-100-M-5-DFT-256QAM-Outer_Full-270 @0-Ant3-96.337-100.200-≤100-PASS



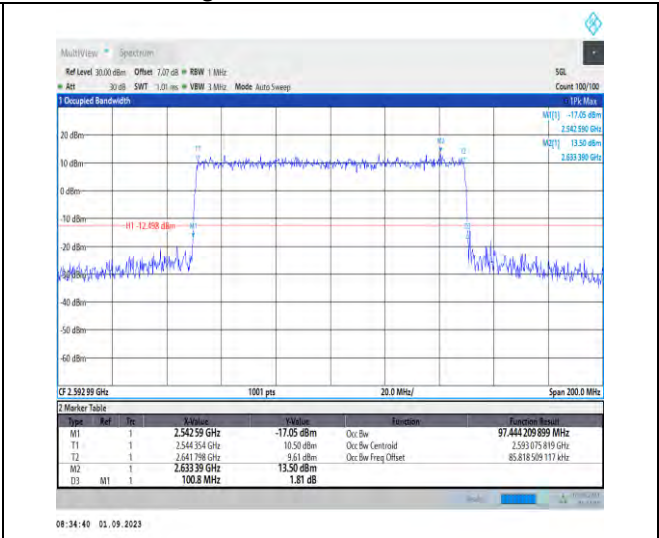
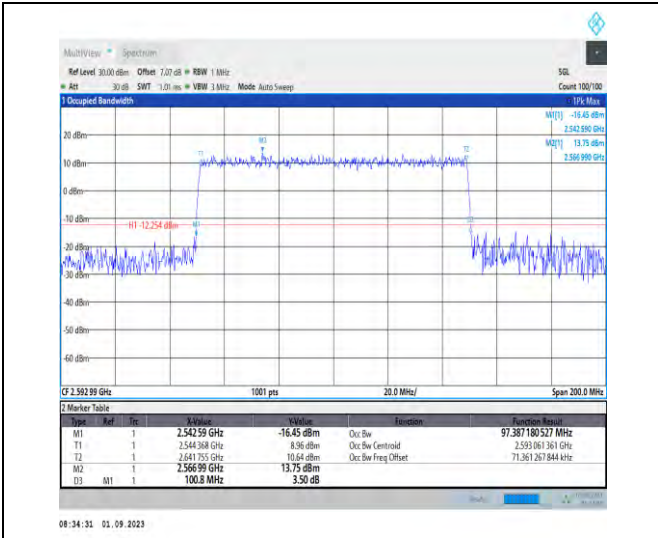
1-N41-PC2-30-100-M-6-CP-QPSK-Outer_Full-273 @0-Ant3-97.451-100.800-≤100-PASS



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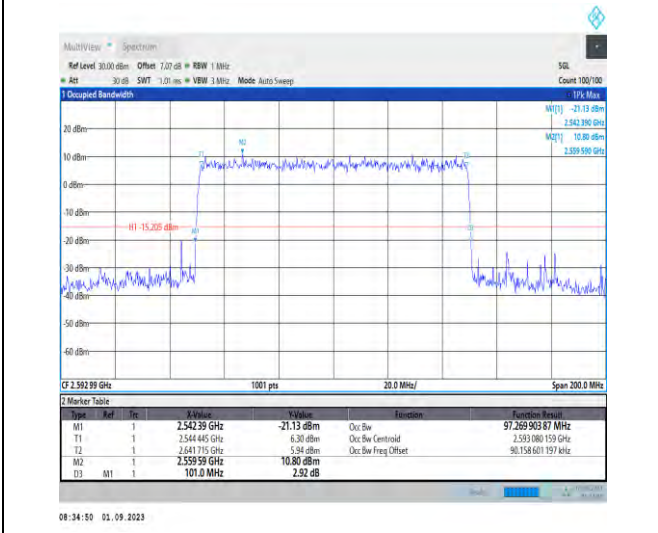
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1-N41-PC2-30-100-M-7-CP-16QAM-Outer_Full-273 @0-Ant3-97.387-100.800-≤100-PASS

1-N41-PC2-30-100-M-8-CP-64QAM-Outer_Full-273 @0-Ant3-97.444-100.800-≤100-PASS



1-N41-PC2-30-100-M-9-CP-256QAM-Outer_Full-273 @0-Ant3-97.27-101.000-≤100-PASS



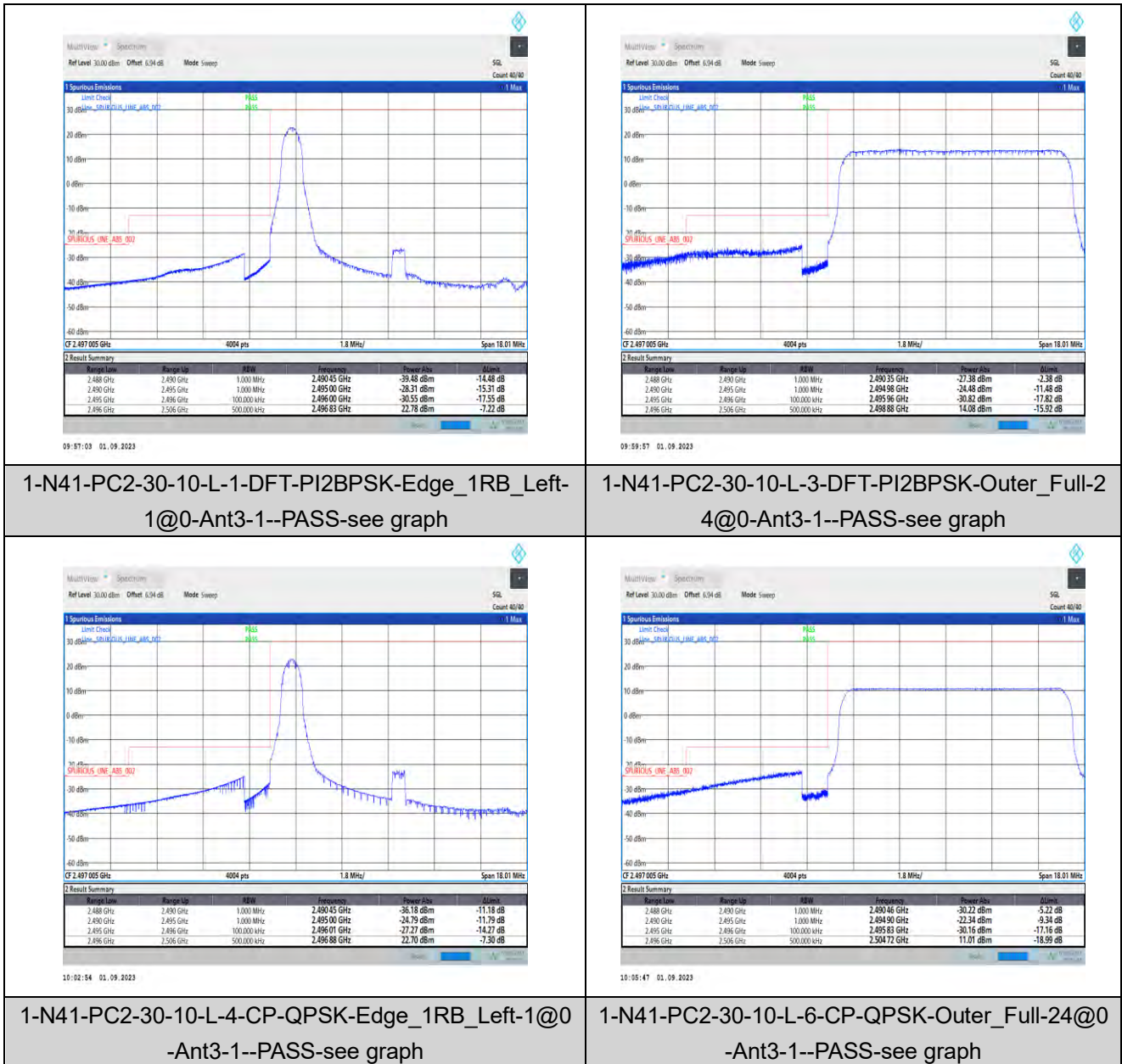
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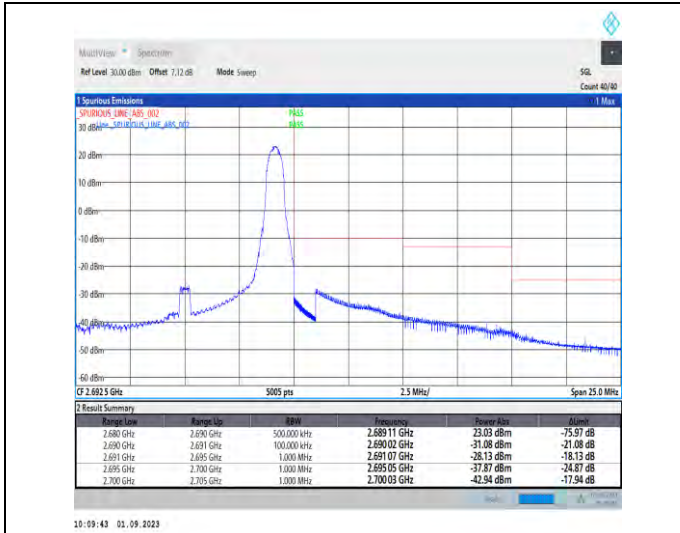
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Band Edge for SA

Test Graphs

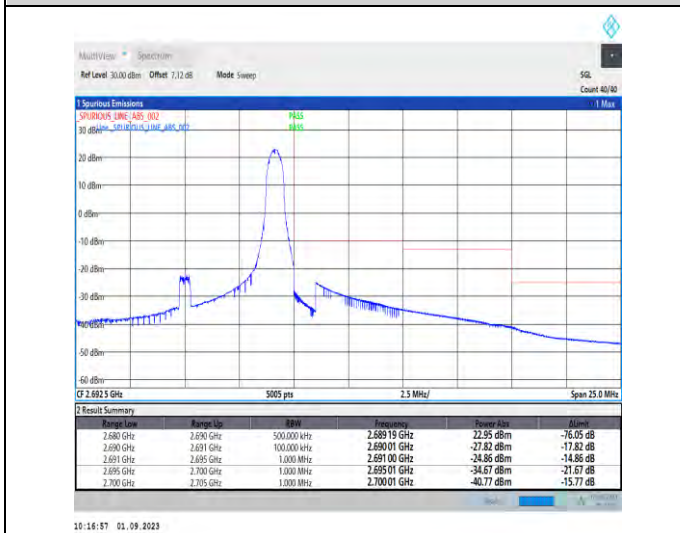




1-N41-PC2-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@23-Ant3-1--PASS-see graph



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_Right-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

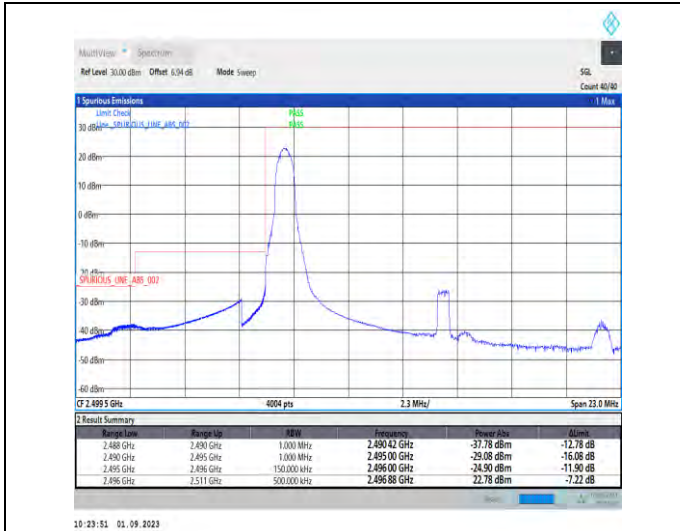


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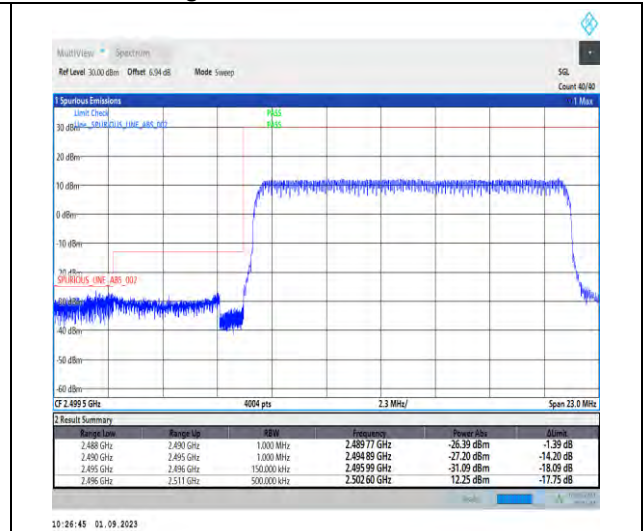
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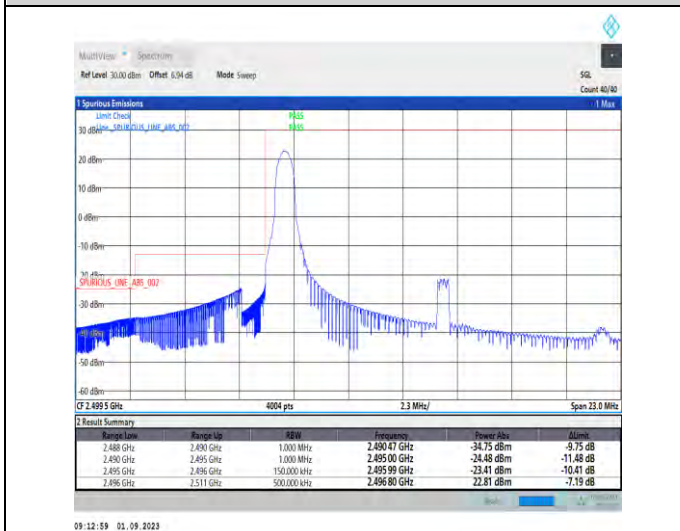
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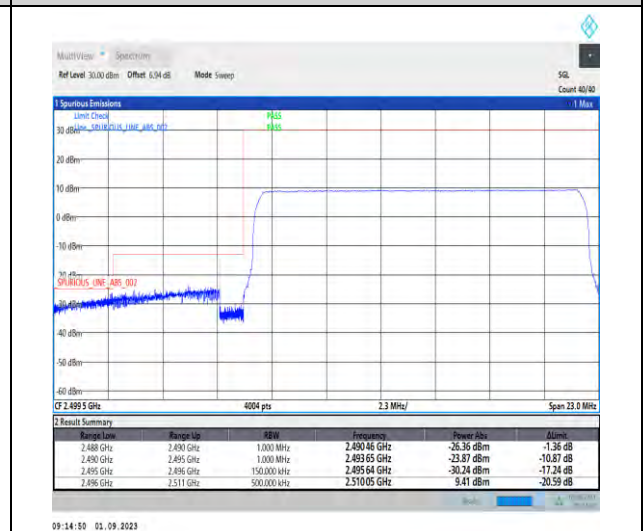
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1-N41-PC2-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant3-1--PASS-see graph



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

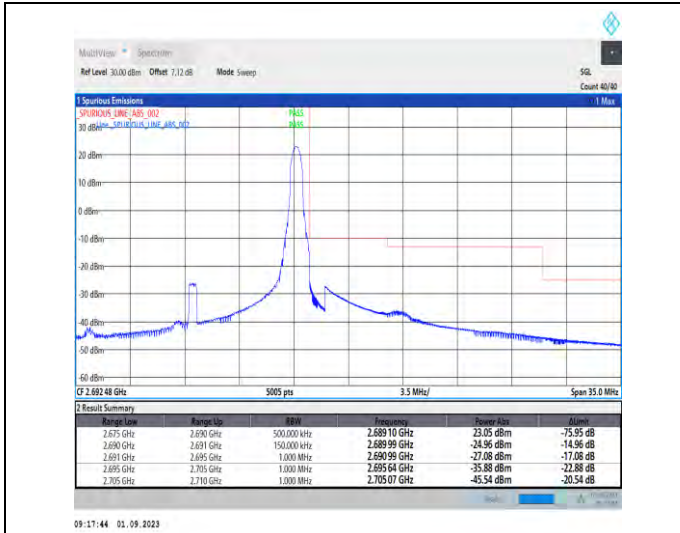


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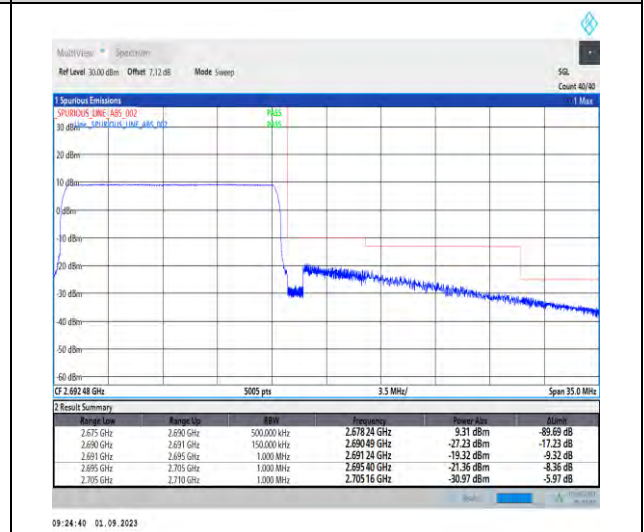
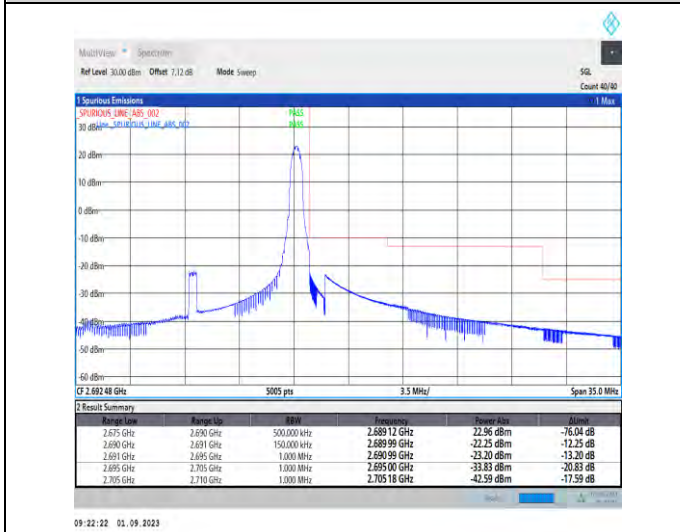
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1-N41-PC2-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@37-Ant3-1--PASS-see graph

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

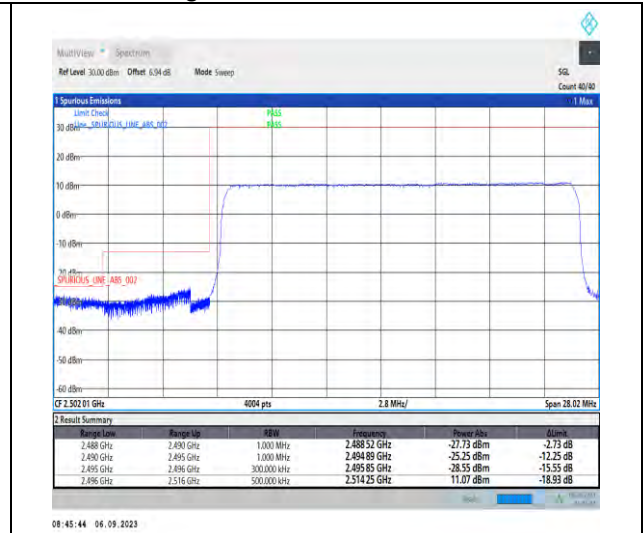
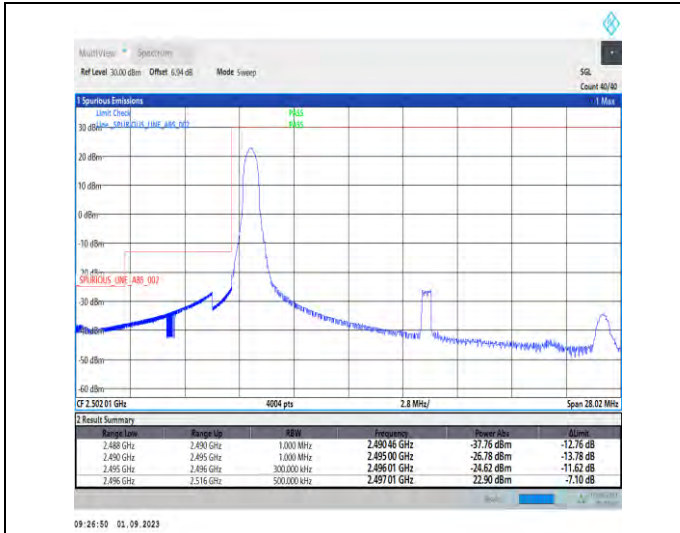


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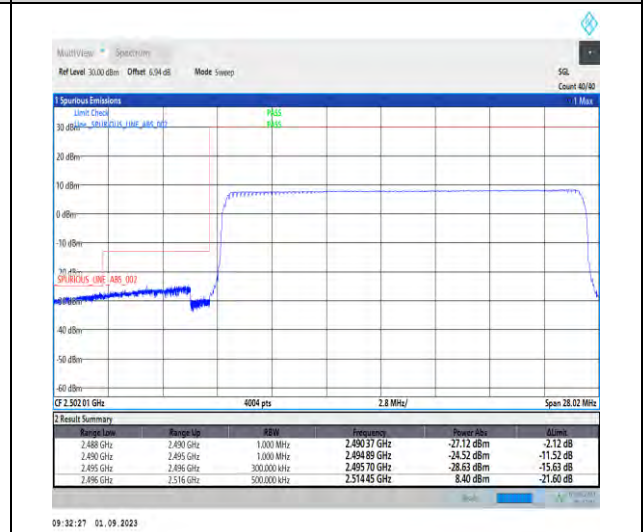
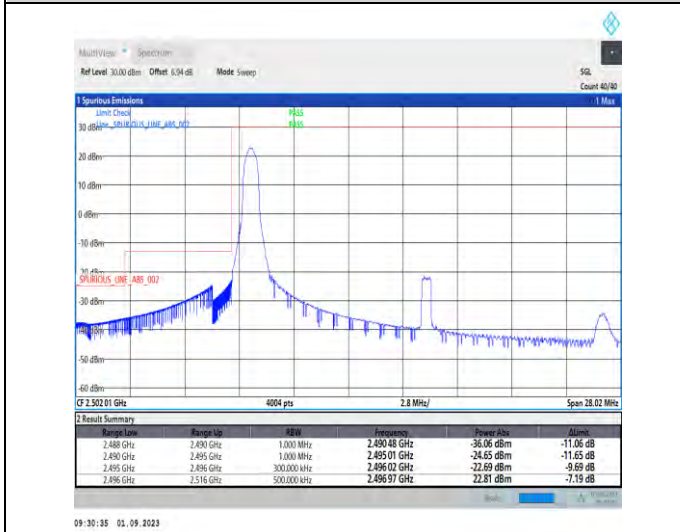
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1-N41-PC2-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph

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

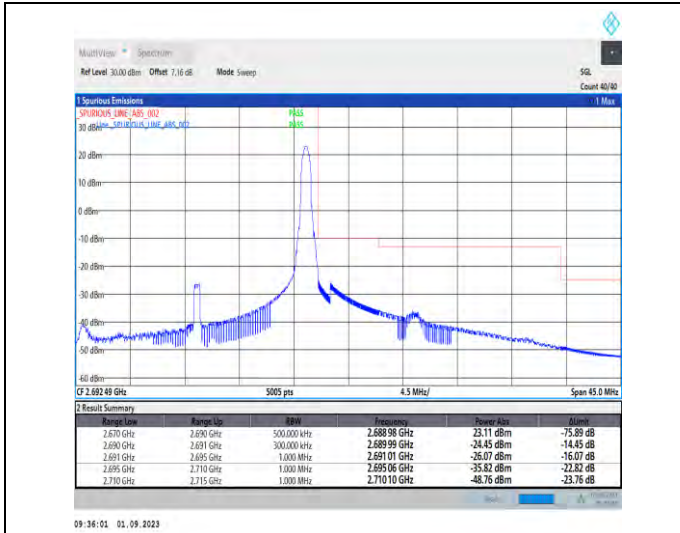


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1-N41-PC2-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@50-Ant3-1--PASS-see graph

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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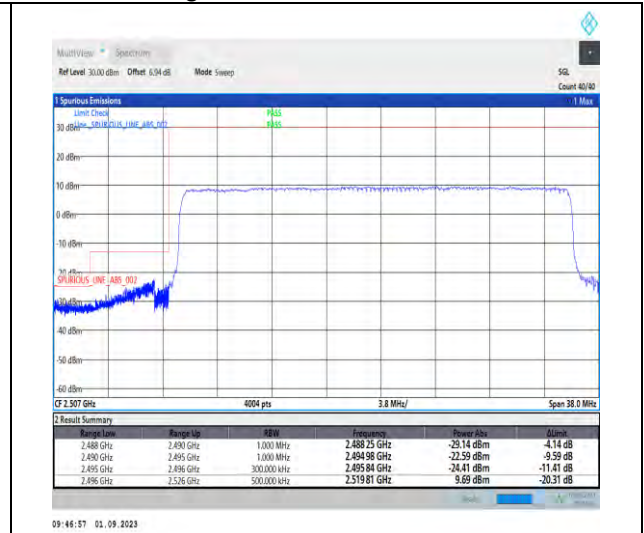
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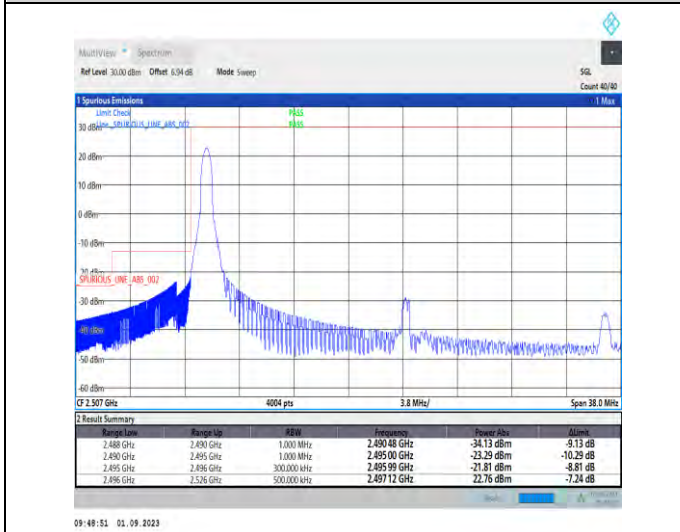
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1-N41-PC2-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph



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

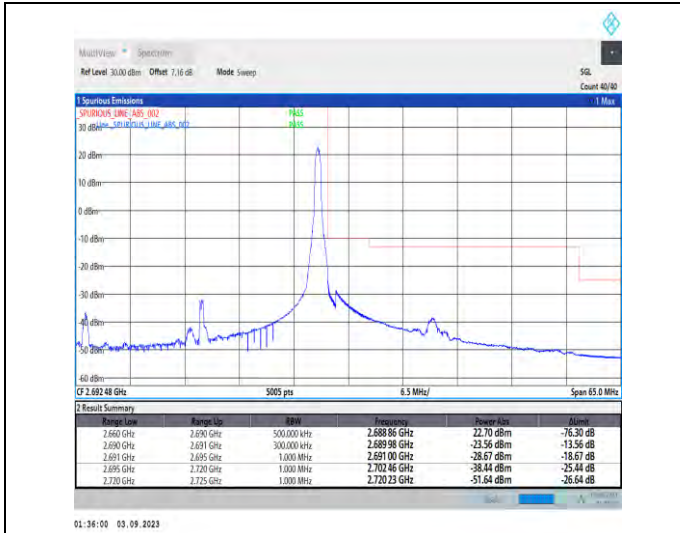


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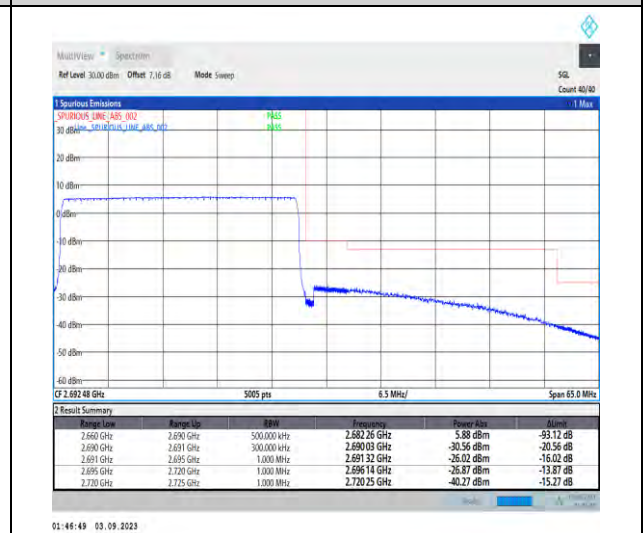
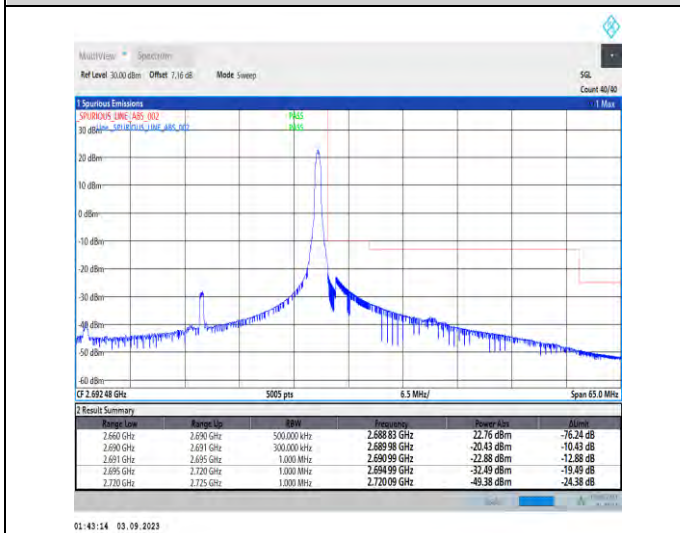
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1-N41-PC2-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@77-Ant3-1--PASS-see graph

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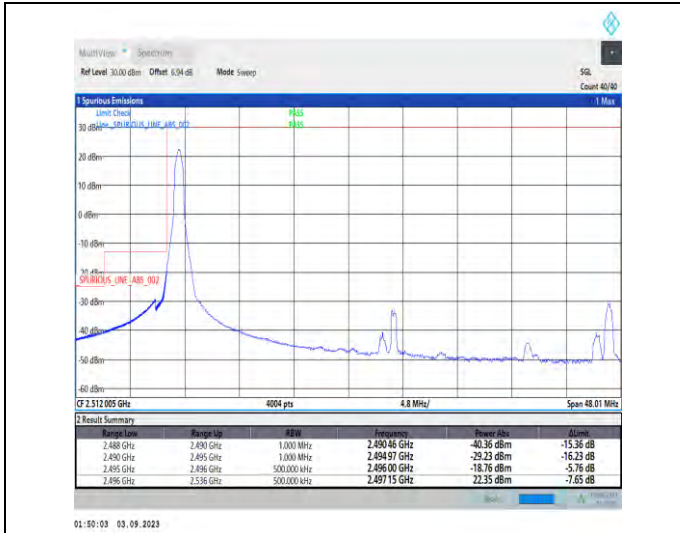
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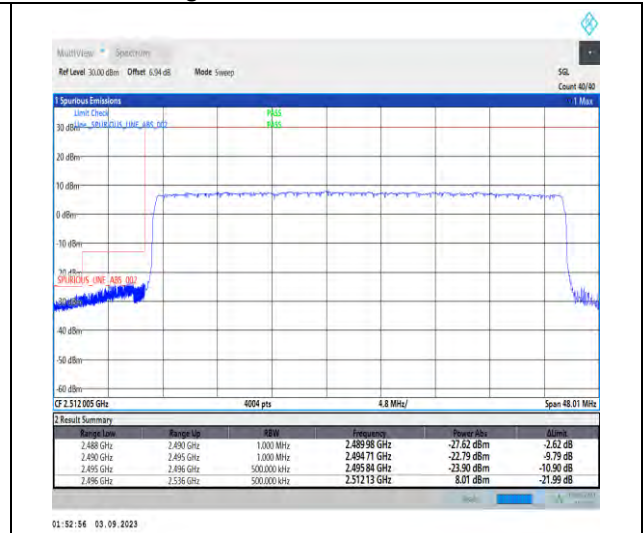
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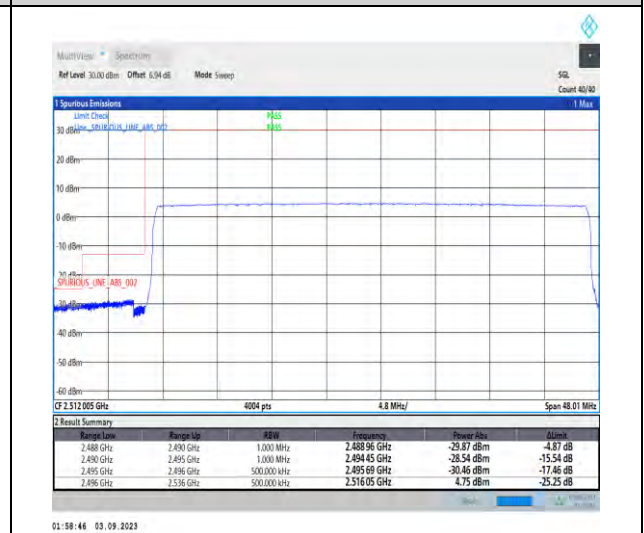
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1-N41-PC2-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-1--PASS-see graph



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

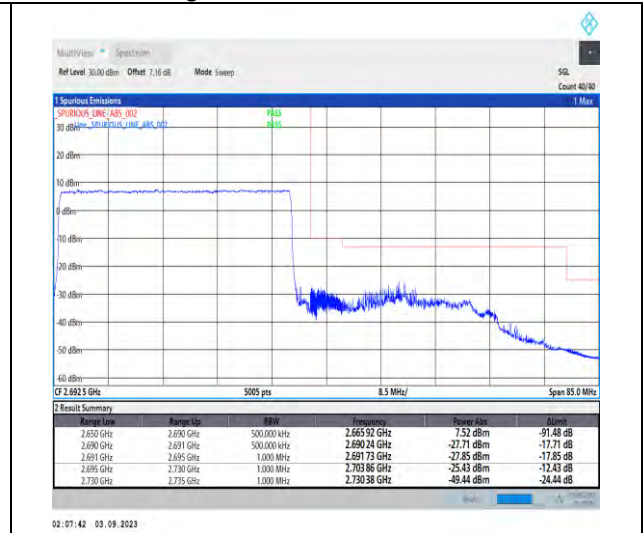
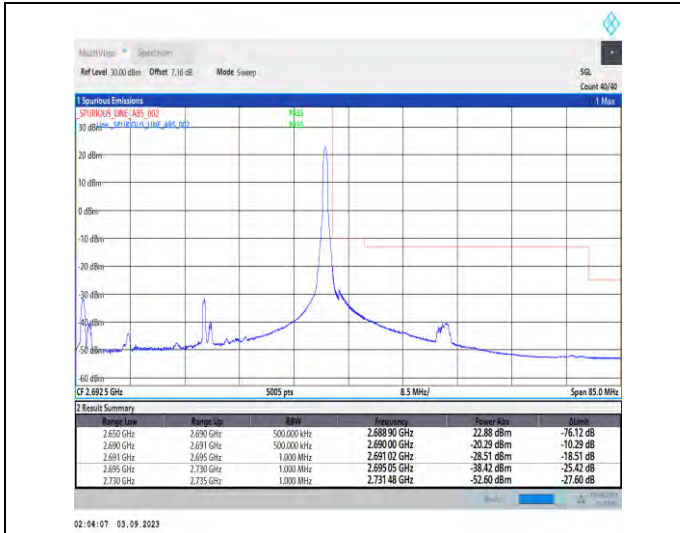


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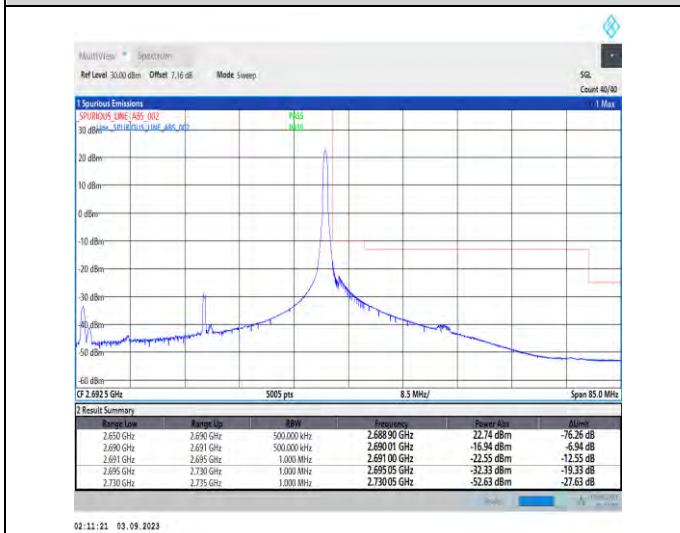
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1-N41-PC2-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@105-Ant3-1--PASS-see graph

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

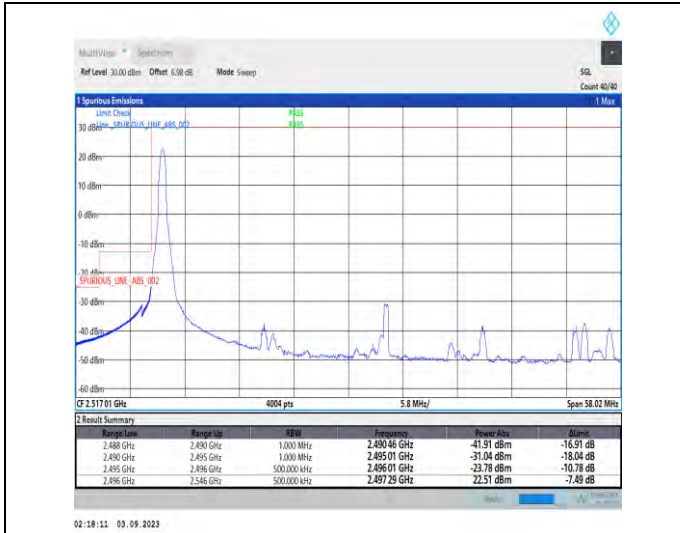


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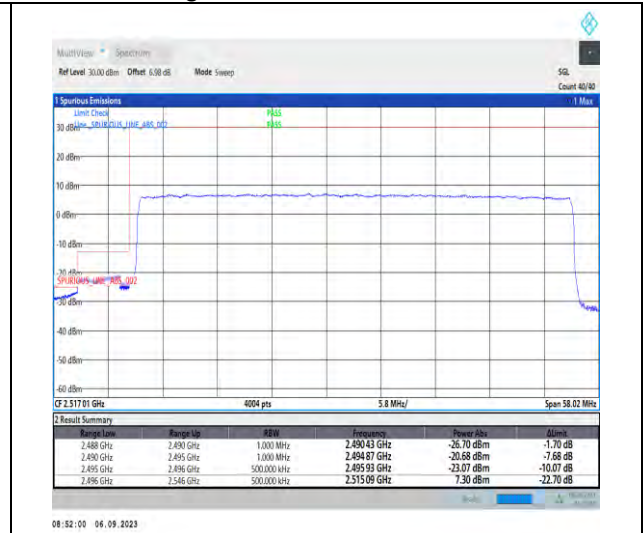
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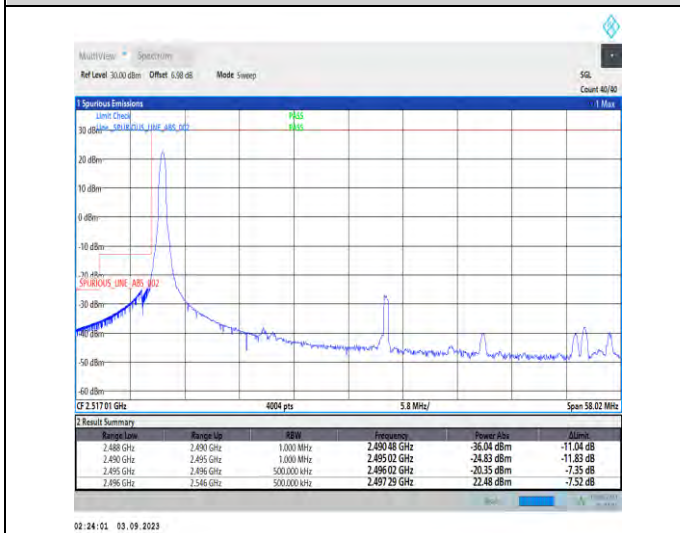
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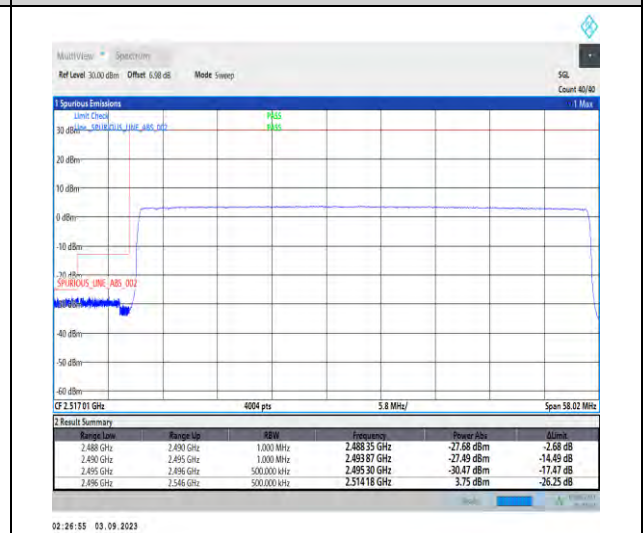
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1-N41-PC2-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant3-1--PASS-see graph



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

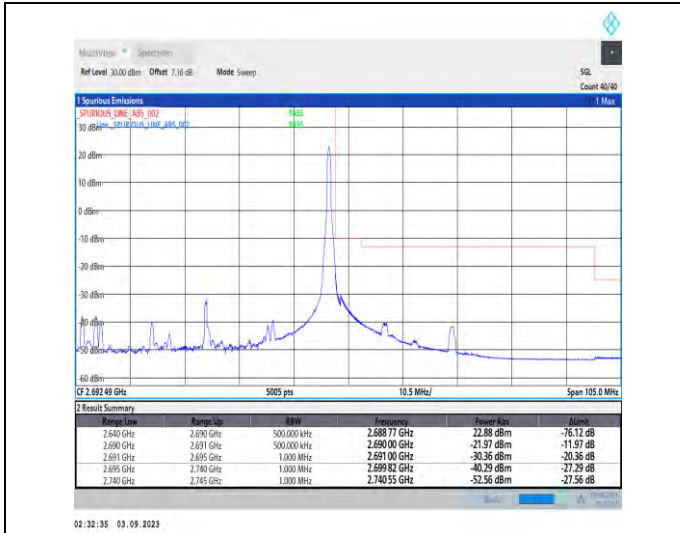


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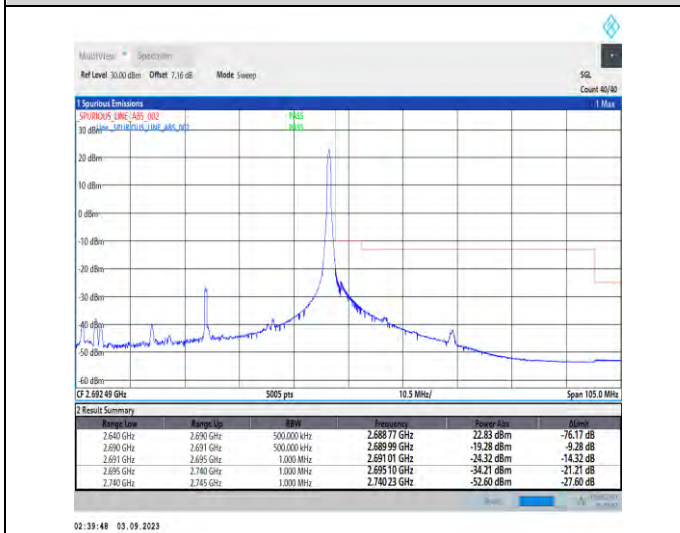
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1-N41-PC2-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@132-Ant3-1--PASS-see graph



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

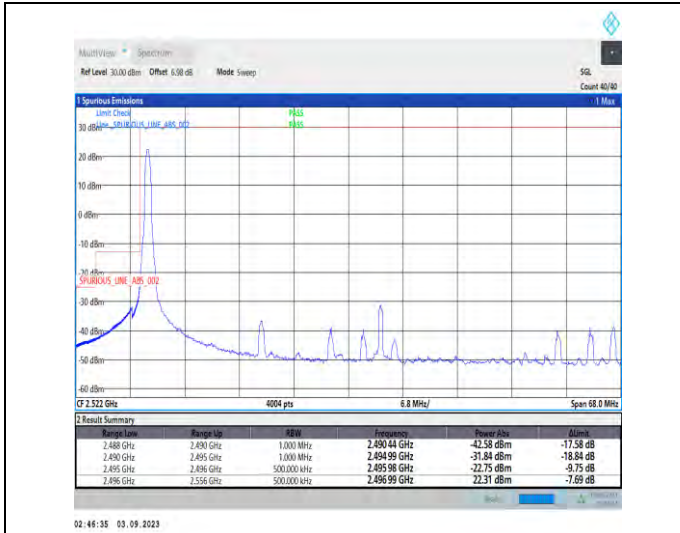


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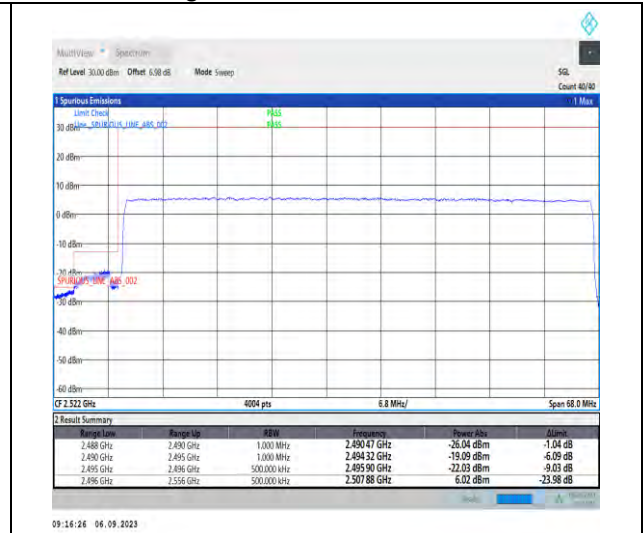
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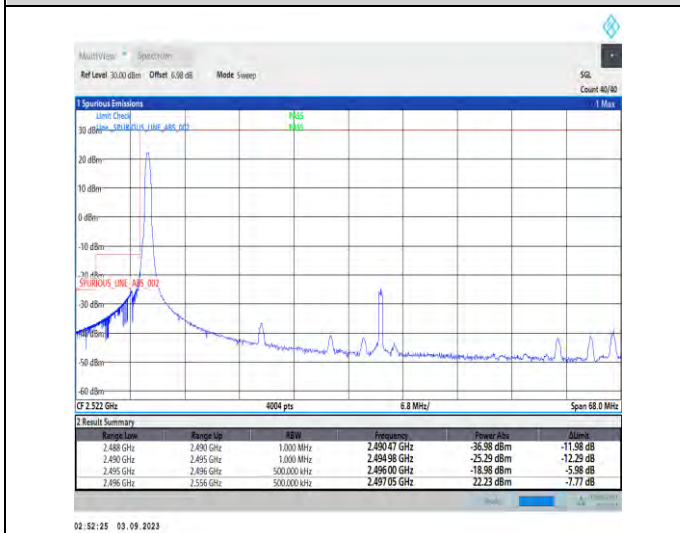
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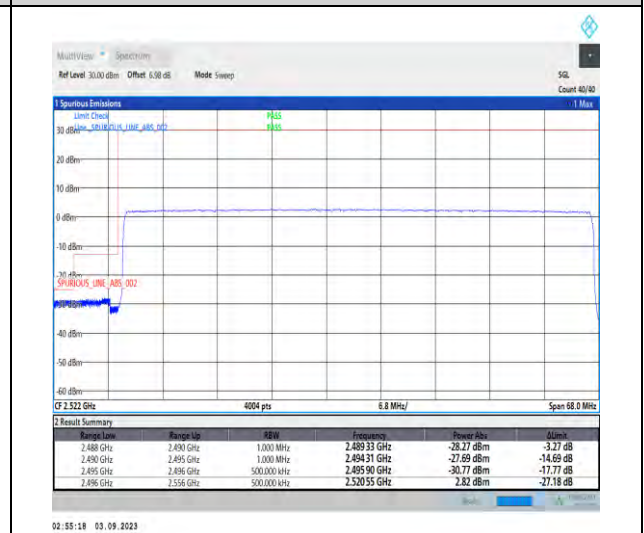
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1-N41-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant3-1--PASS-see graph



1-N41-PC2-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph



1-N41-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant3-1--PASS-see graph

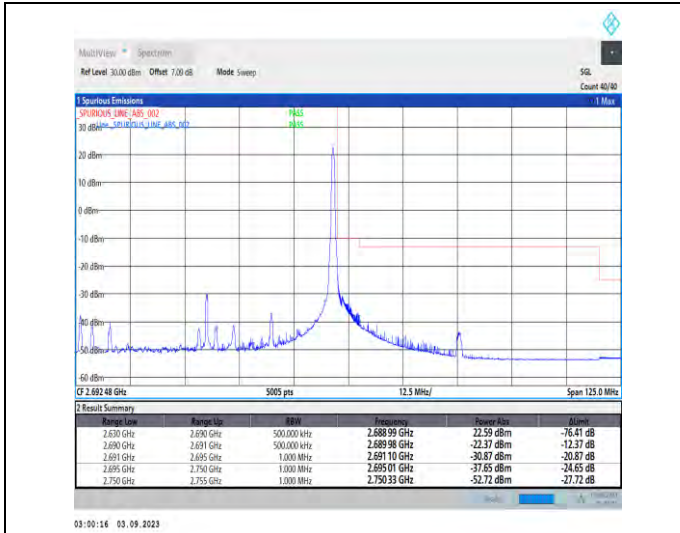


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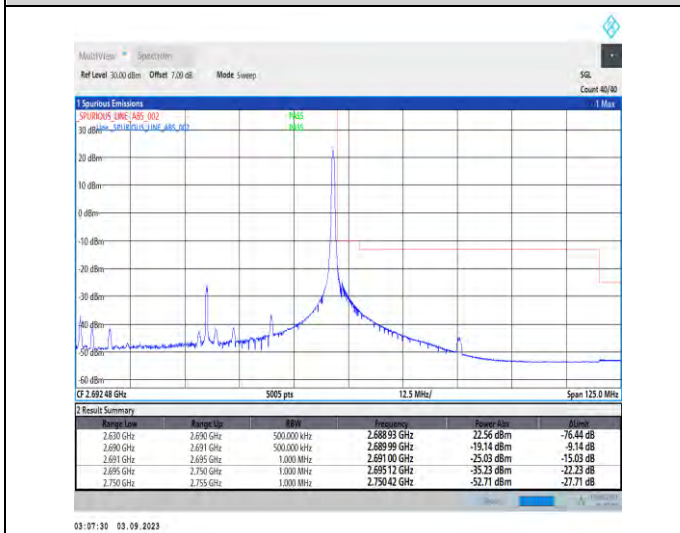
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1-N41-PC2-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@161-Ant3-1--PASS-see graph

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

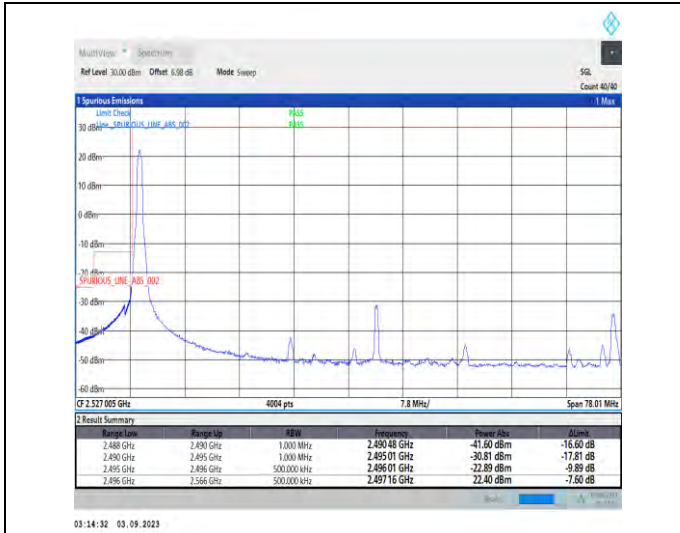


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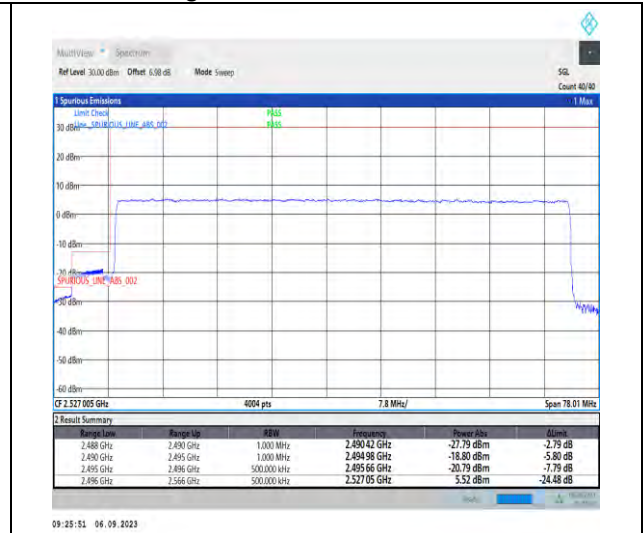
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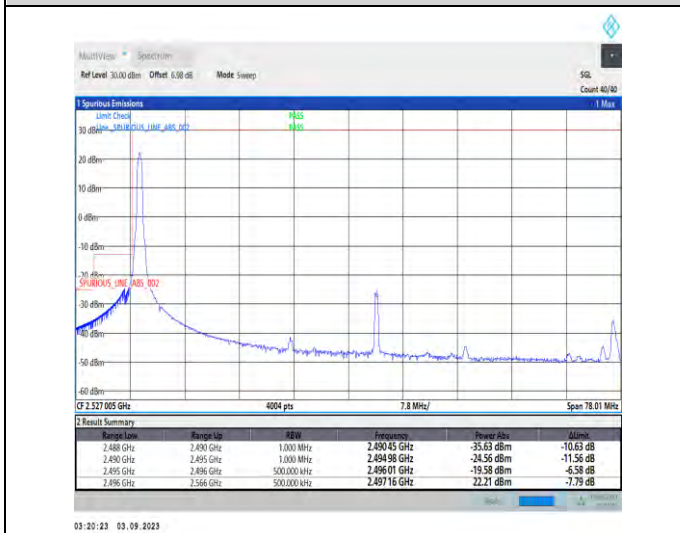
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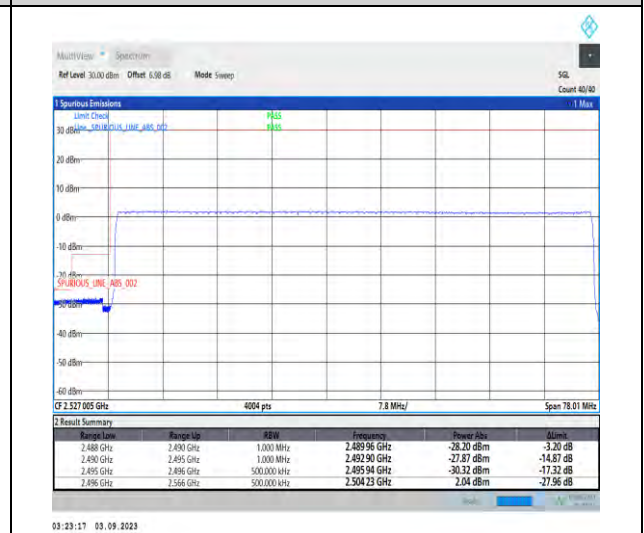
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1-N41-PC2-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant3-1--PASS-see graph



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

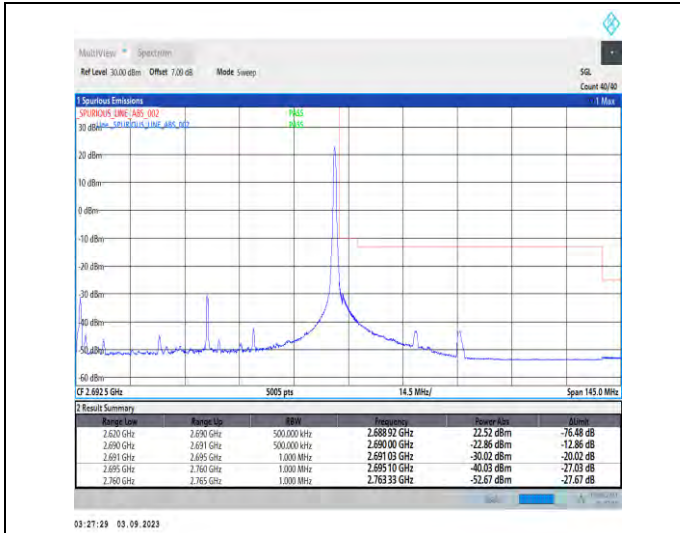


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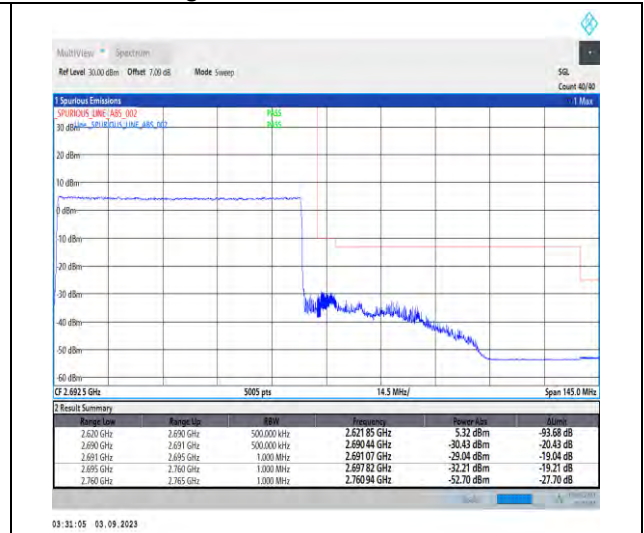
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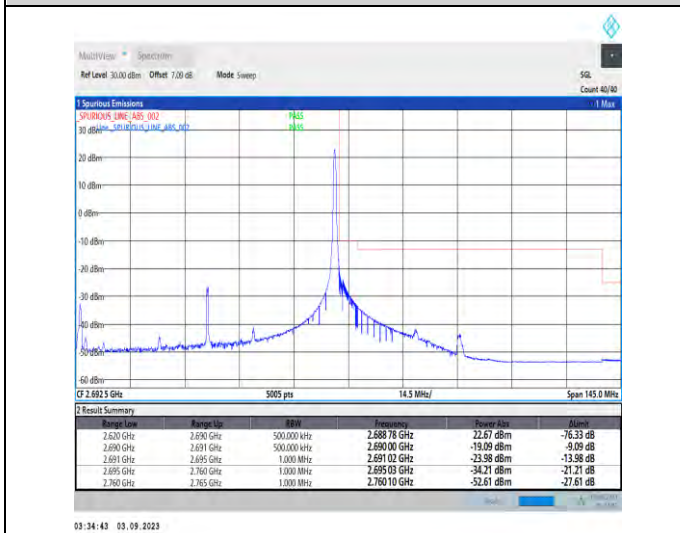
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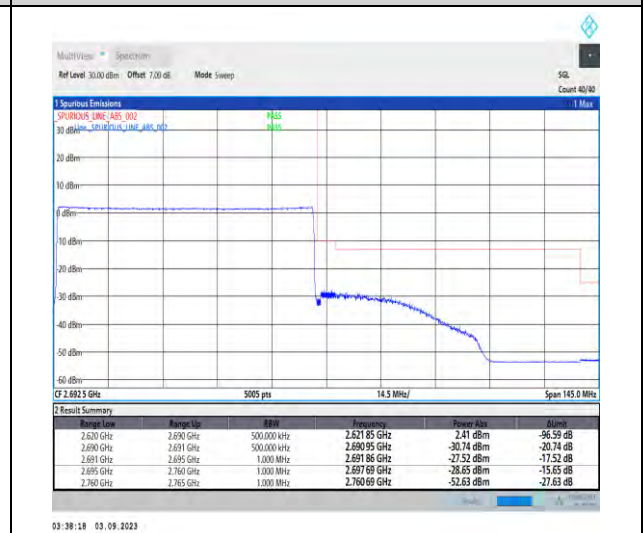
1-N41-PC2-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@188-Ant3-1--PASS-see graph



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



1-N41-PC2-30-70-H-6-CP-QPSK-Outer_Full-189 @0-Ant3-1--PASS-see graph

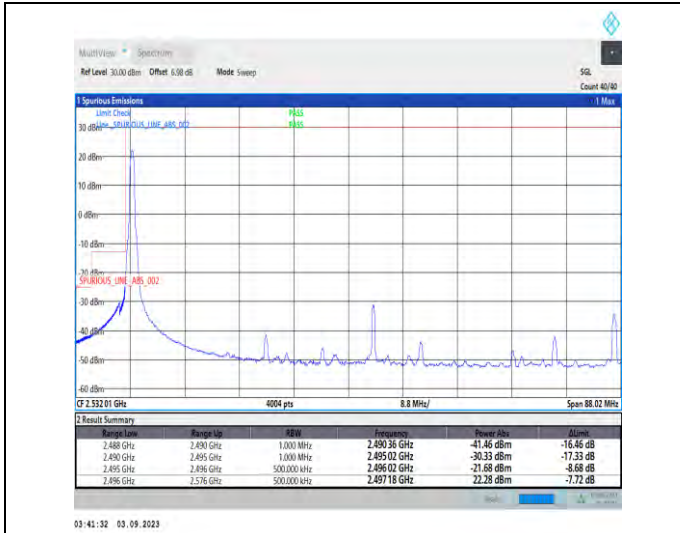


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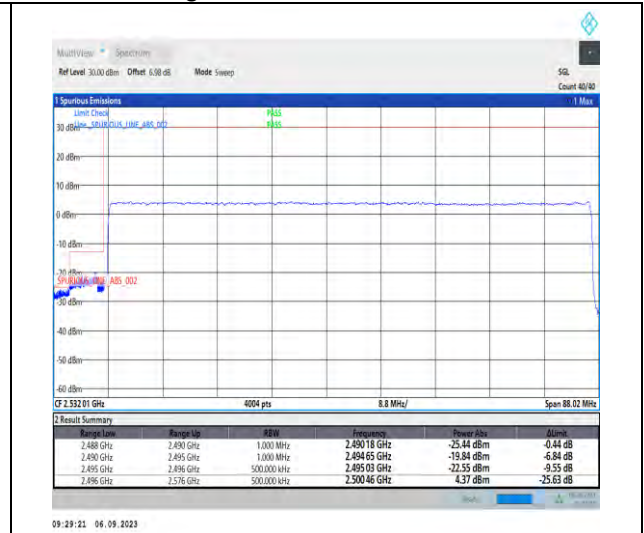
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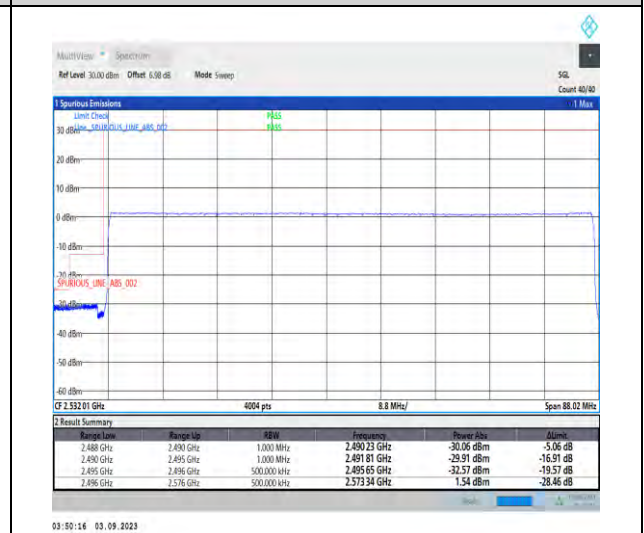
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1-N41-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant3-1--PASS-see graph



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

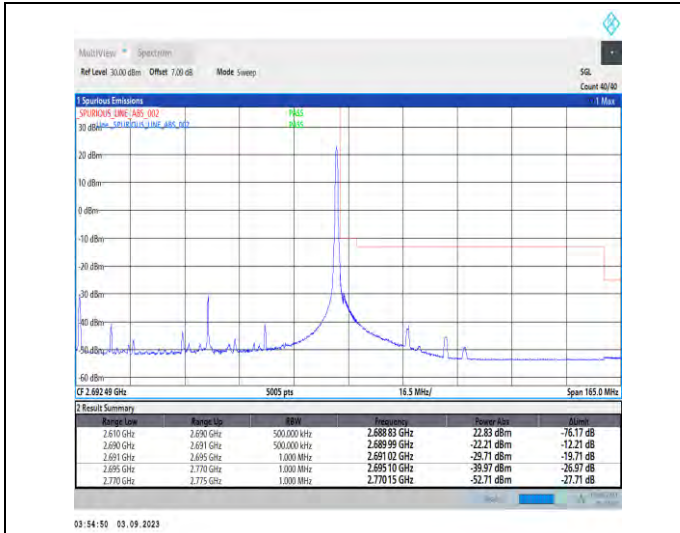


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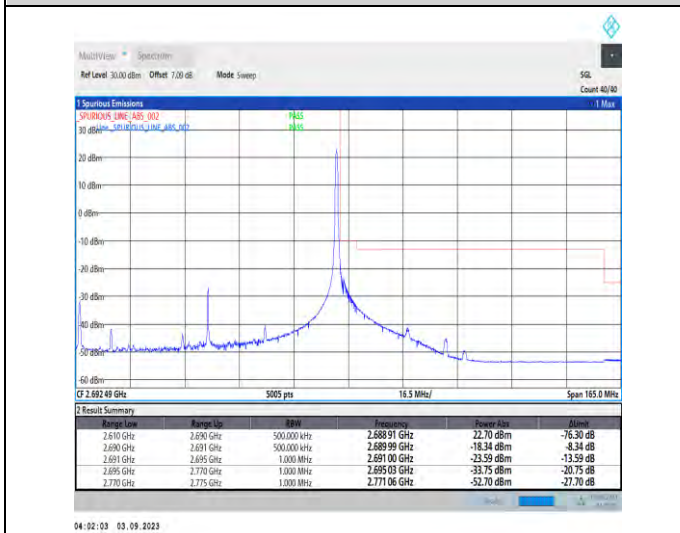
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1-N41-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@216-Ant3-1--PASS-see graph



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



1-N41-PC2-30-80-H-6-CP-QPSK-Outer_Full-217 @0-Ant3-1--PASS-see graph

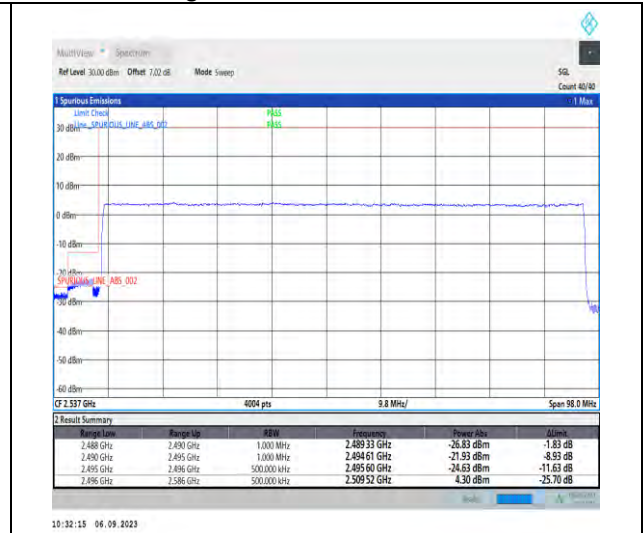
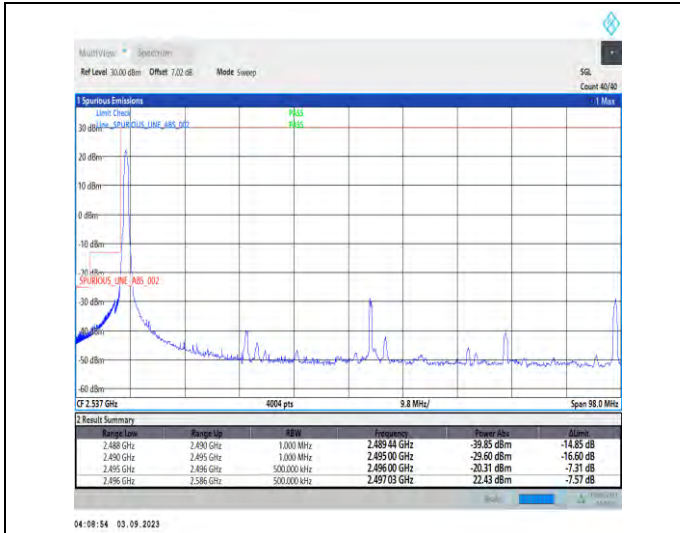


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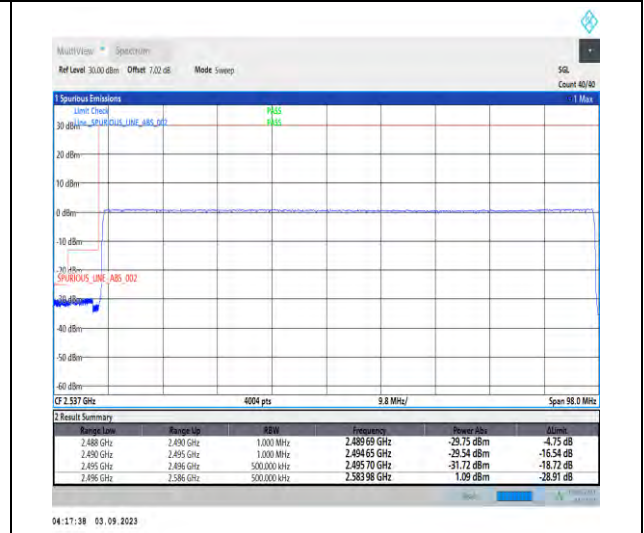
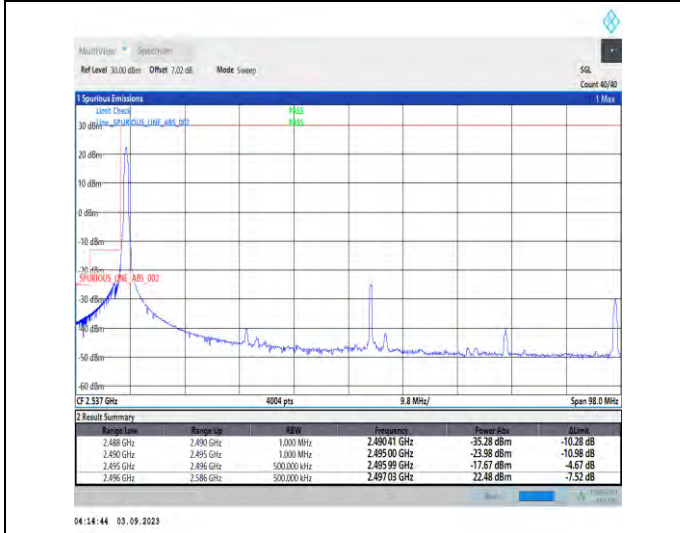
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1-N41-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph

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

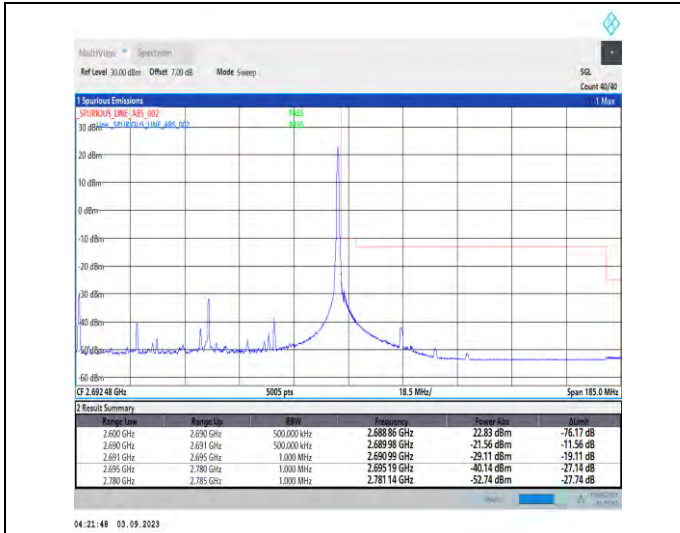


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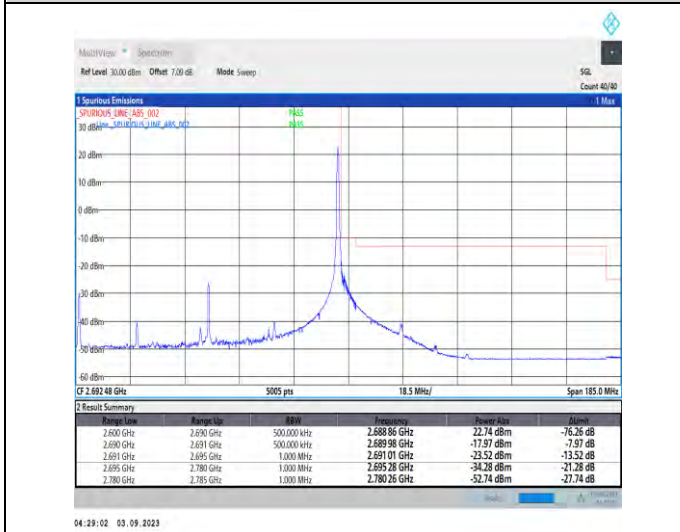
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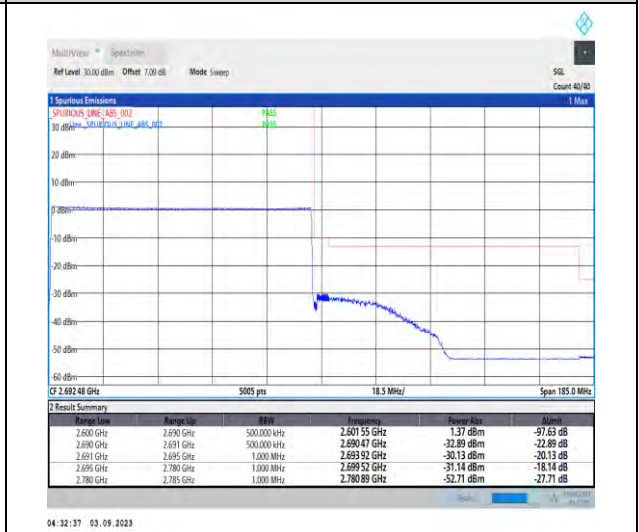
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1-N41-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-2 40@0-Ant3-1--PASS-see graph



1-N41-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1 @244-Ant3-1--PASS-see graph



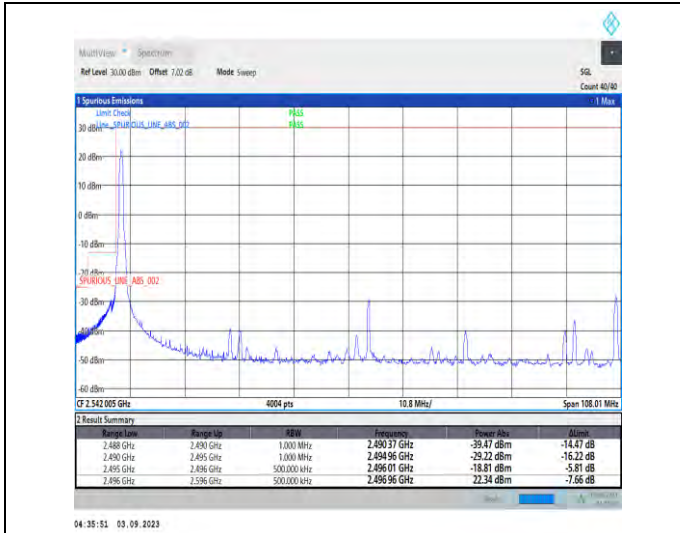
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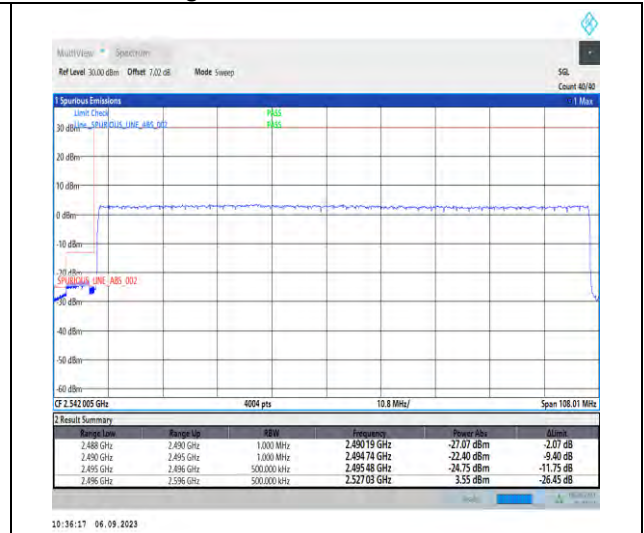
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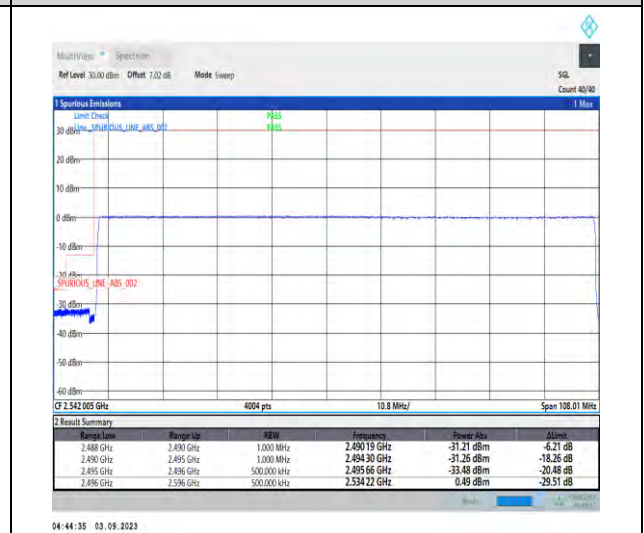
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1-N41-PC2-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant3-1--PASS-see graph



1-N41-PC2-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph



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

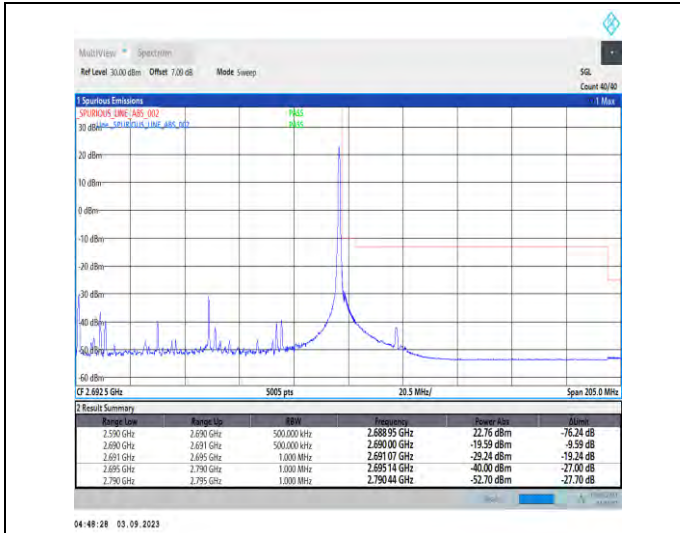


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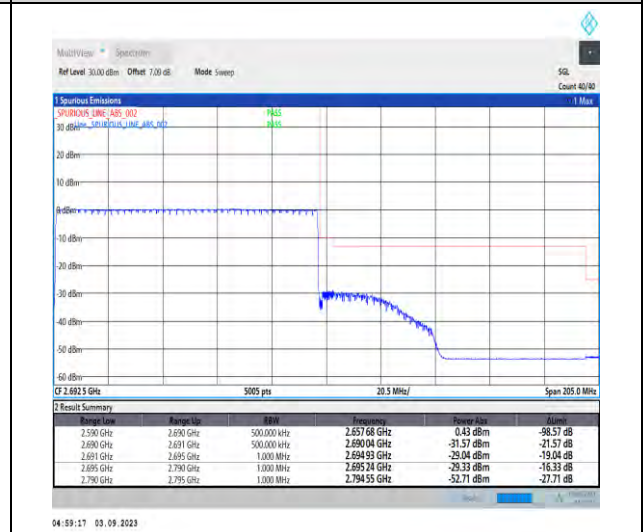
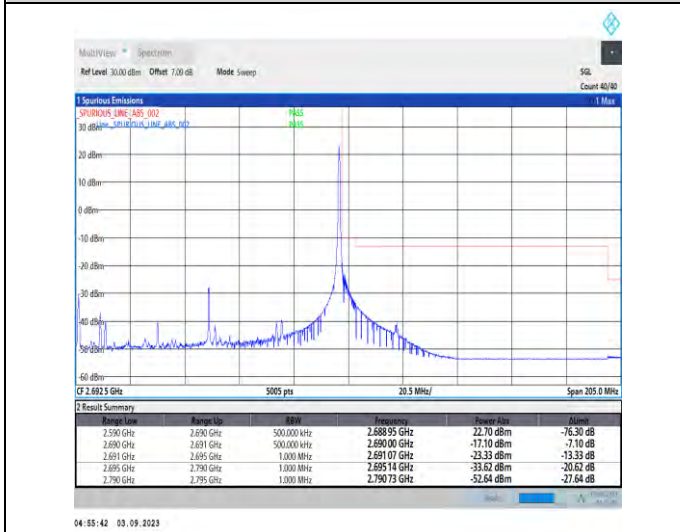
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1-N41-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Rig ht-1@272-Ant3-1--PASS-see graph

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



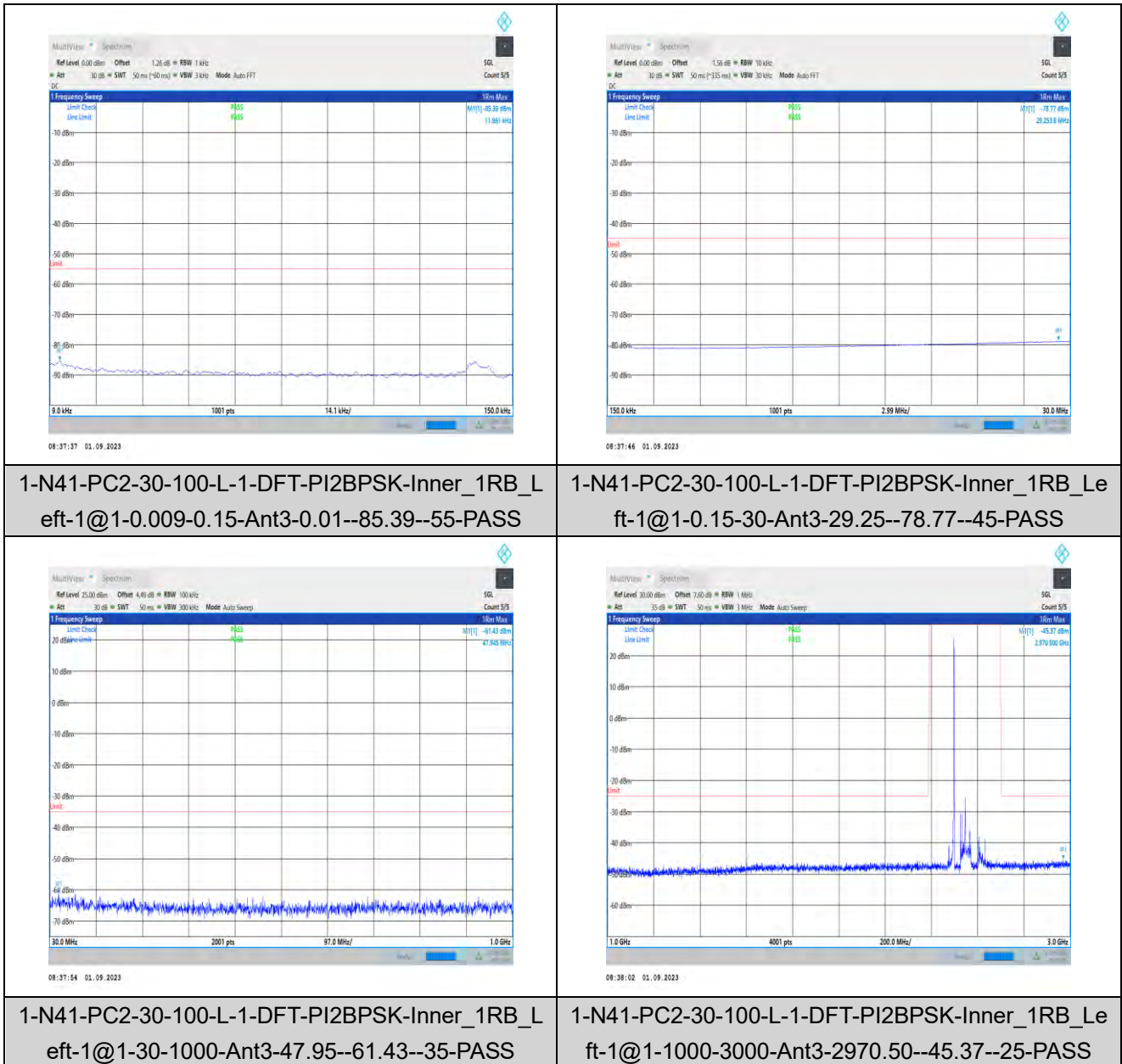
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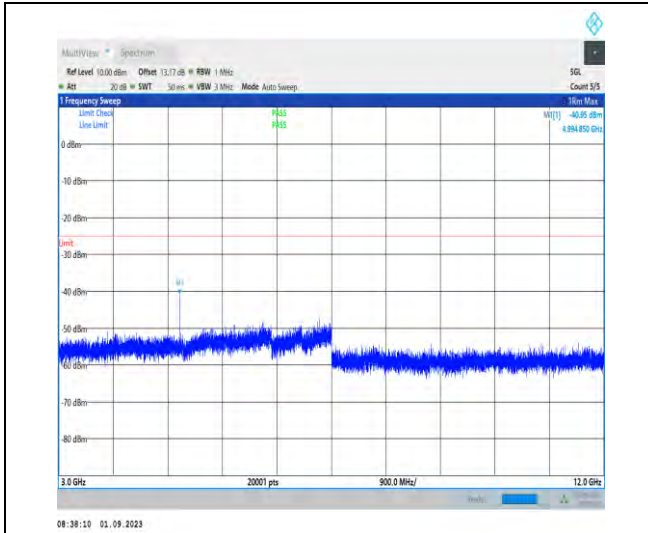
Test Graphs



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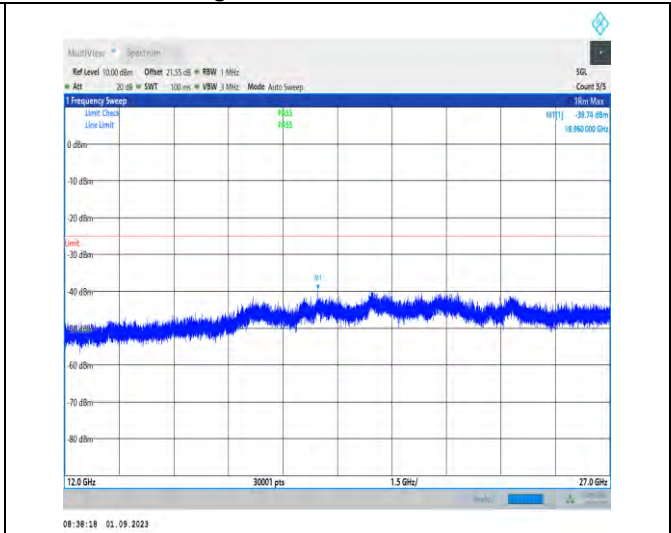
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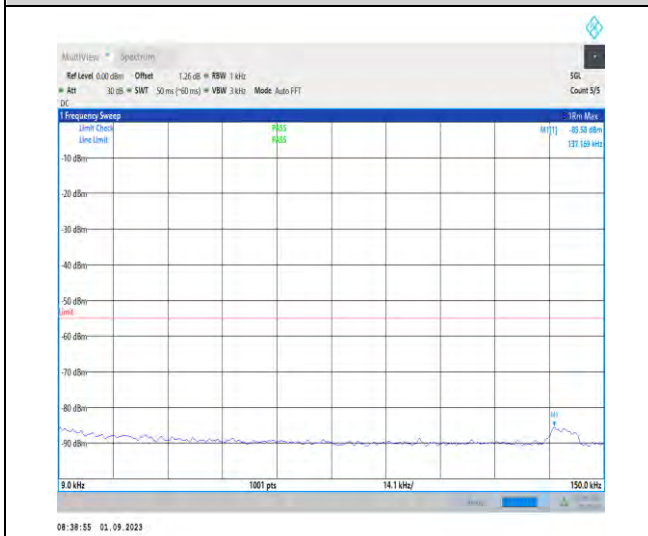
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S

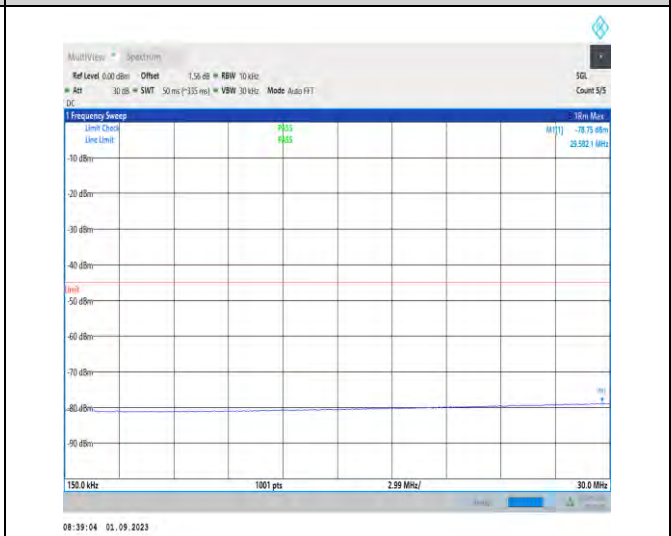


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S



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant3-0.14--85.58--55-PASS



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-29.58--78.75--45-PASS



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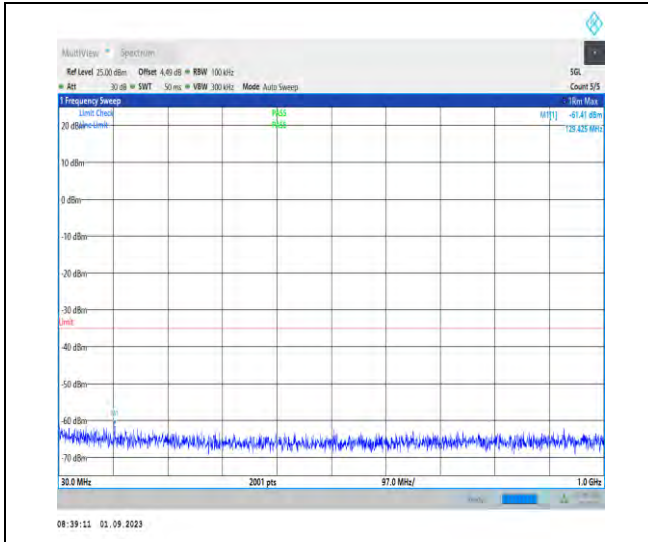
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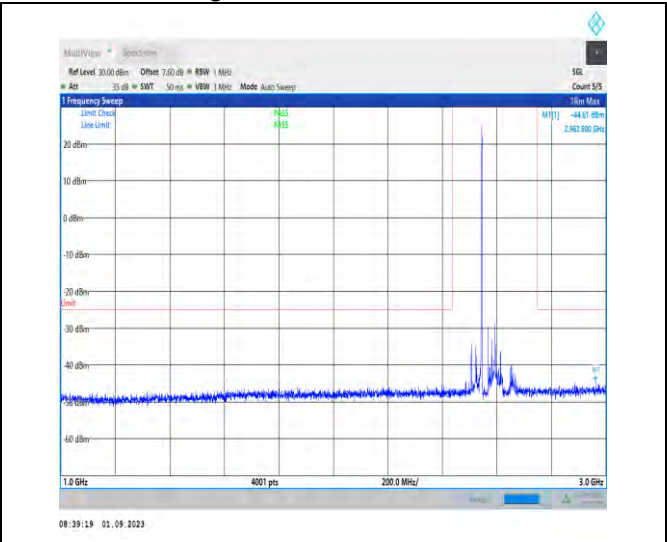
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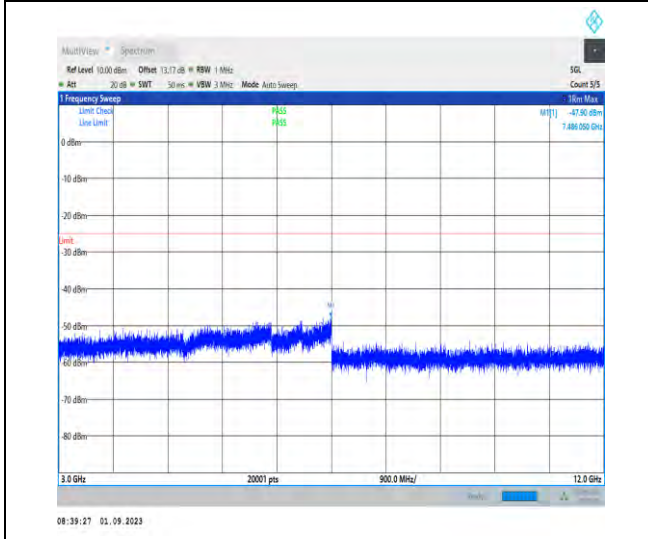
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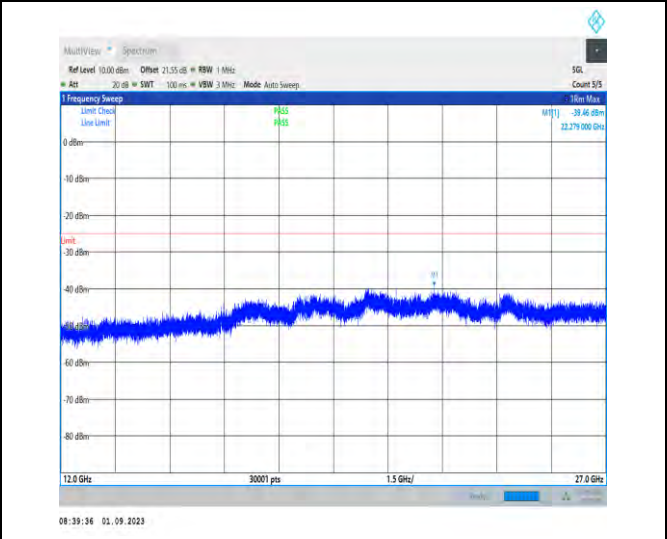
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1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2962.50--44.61--25-PASS



1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-7486.05--47.90--25-PASS

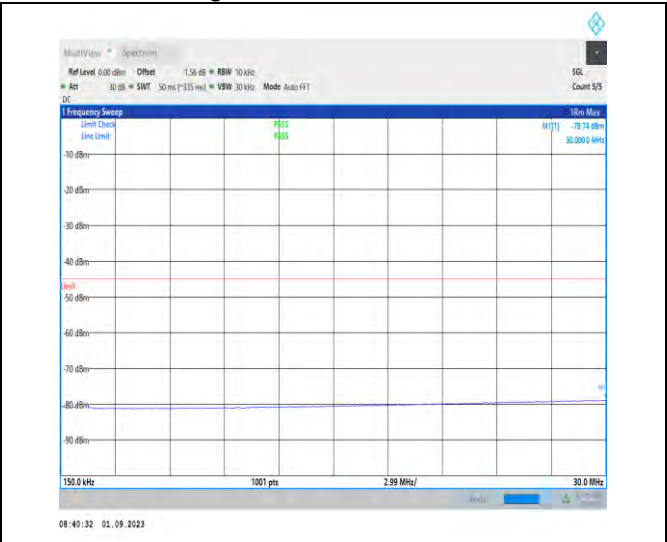
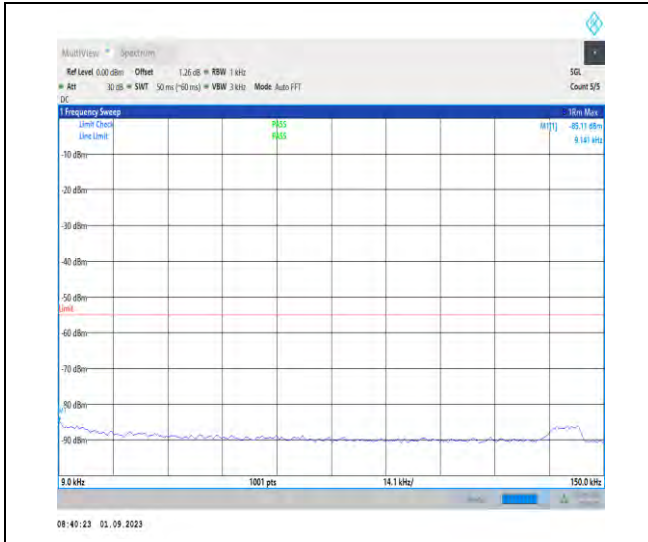


1-N41-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant3-22279.00--39.46--25-PASS



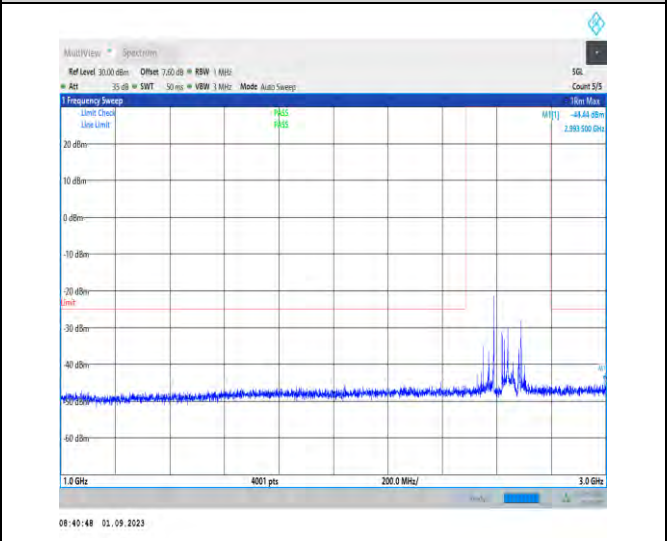
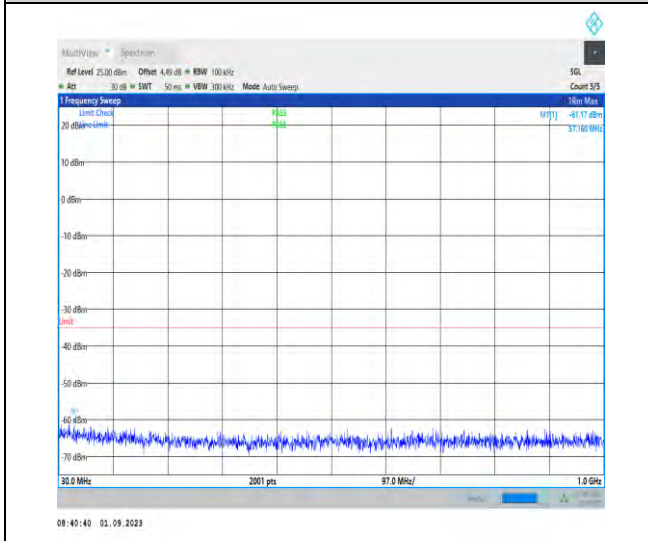
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1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant3-0.01--85.11--55-PASS

1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-30.00--78.74--45-PASS



1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-57.16--61.17--35-PASS

1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2993.50--44.44--25-PASS

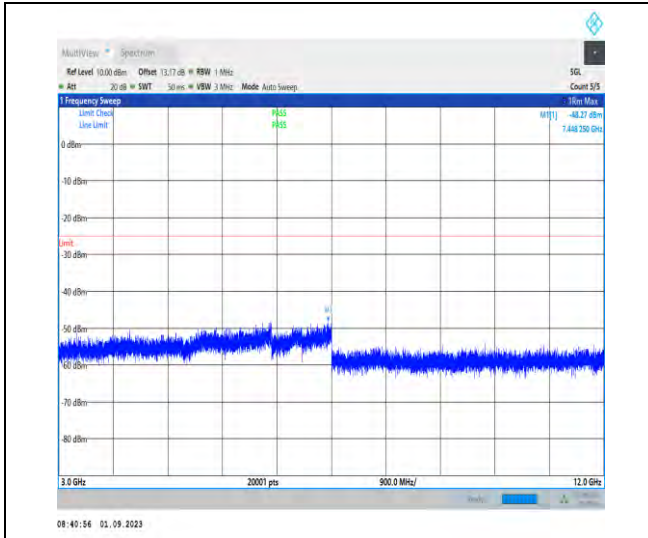


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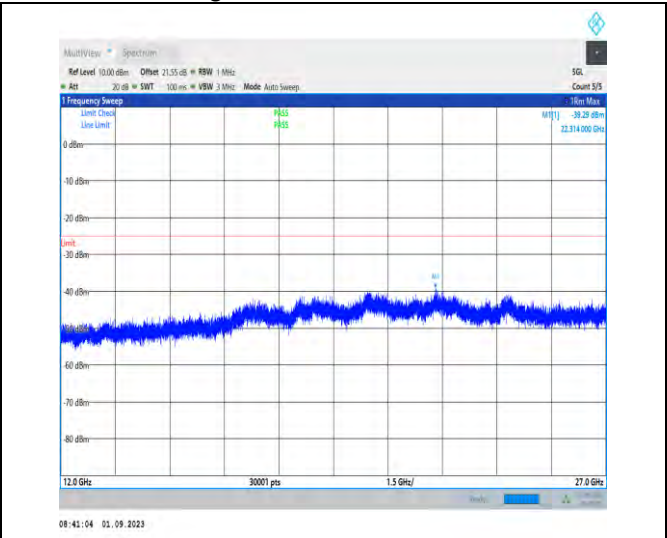
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1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-7448.25--48.27--25-PA
SS



1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant3-22314.00--39.29--25-PA
SS



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Field Strength of Spurious Radiation

Test Band = SA Band41_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	5002.2000	39.73	-45.63	31.41	-69.76	-25.00	44.76	Horizontal
2	7503.3000	37.60	-43.13	36.60	-64.19	-25.00	39.19	Horizontal
3	10004.4000	31.54	-39.23	38.20	-64.75	-25.00	39.75	Horizontal
4	12505.5000	25.57	-36.99	38.95	-67.73	-25.00	42.73	Horizontal
5	15006.6000	23.77	-34.65	41.29	-64.86	-25.00	39.86	Horizontal
6	17507.7000	26.15	-34.95	44.59	-59.47	-25.00	34.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2000	41.69	-45.63	31.41	-67.80	-25.00	42.80	Vertical
2	7503.3000	38.01	-43.13	36.60	-63.78	-25.00	38.78	Vertical
3	10004.4000	31.34	-39.23	38.20	-64.95	-25.00	39.95	Vertical
4	12505.5000	26.07	-36.99	38.95	-67.23	-25.00	42.23	Vertical
5	15006.6000	24.36	-34.65	41.29	-64.27	-25.00	39.27	Vertical
6	17507.7000	25.55	-34.95	44.59	-60.07	-25.00	35.07	Vertical



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

Test Band = SA Band41_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	5096.1600	39.36	-45.38	31.63	-69.65	-25.00	44.65	Horizontal
2	7644.2400	38.42	-43.01	36.66	-63.20	-25.00	38.20	Horizontal
3	10192.3200	30.62	-39.47	38.30	-65.82	-25.00	40.82	Horizontal
4	12740.4000	25.68	-36.74	39.02	-67.30	-25.00	42.30	Horizontal
5	15288.4800	24.43	-34.36	40.69	-64.50	-25.00	39.50	Horizontal
6	17836.5600	28.61	-34.59	46.07	-55.17	-25.00	30.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.1600	39.82	-45.38	31.63	-69.19	-25.00	44.19	Vertical
2	7644.2400	37.67	-43.01	36.66	-63.95	-25.00	38.95	Vertical
3	10192.3200	30.16	-39.47	38.30	-66.28	-25.00	41.28	Vertical
4	12740.4000	26.34	-36.74	39.02	-66.64	-25.00	41.64	Vertical
5	15288.4800	24.91	-34.36	40.69	-64.02	-25.00	39.02	Vertical
6	17836.5600	28.20	-34.59	46.07	-55.58	-25.00	30.58	Vertical



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Test Band = SA Band41_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	5190.1800	40.09	-45.29	31.86	-68.60	-25.00	43.60	Horizontal
2	7785.2700	37.99	-42.43	36.71	-62.98	-25.00	37.98	Horizontal
3	10380.3600	30.82	-39.03	38.39	-65.08	-25.00	40.08	Horizontal
4	11207.5	30.36	-37.39	38.72	-63.57	-25.00	38.57	Horizontal
5	12975.4500	26.14	-37.28	39.09	-67.30	-25.00	42.30	Horizontal
6	15570.5400	23.50	-35.08	40.10	-66.74	-25.00	41.74	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5190.1800	39.61	-45.29	31.86	-69.08	-25.00	44.08	Vertical
2	7785.2700	37.13	-42.43	36.71	-63.84	-25.00	38.84	Vertical
3	10380.3600	31.07	-39.03	38.39	-64.83	-25.00	39.83	Vertical
4	11457.5	29.09	-37.34	38.75	-64.76	-25.00	39.76	Vertical
5	12975.4500	25.63	-37.28	39.09	-67.81	-25.00	42.81	Vertical
6	15570.5400	24.37	-35.08	40.10	-65.87	-25.00	40.87	Vertical



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Test Band = NSA 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	5002.2000	40.73	-45.63	31.41	-68.76	-25.00	43.76	Horizontal
2	7503.3000	37.96	-43.13	36.60	-63.83	-25.00	38.83	Horizontal
3	10004.4000	32.30	-39.23	38.20	-63.99	-25.00	38.99	Horizontal
4	12505.5000	26.80	-36.99	38.95	-66.50	-25.00	41.50	Horizontal
5	15006.6000	24.59	-34.65	41.29	-64.04	-25.00	39.04	Horizontal
6	17507.7000	27.48	-34.95	44.59	-58.14	-25.00	33.14	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2000	41.01	-45.63	31.41	-68.48	-25.00	43.48	Vertical
2	7503.3000	38.10	-43.13	36.60	-63.69	-25.00	38.69	Vertical
3	10004.4000	32.54	-39.23	38.20	-63.75	-25.00	38.75	Vertical
4	12505.5000	26.69	-36.99	38.95	-66.61	-25.00	41.61	Vertical
5	15006.6000	24.52	-34.65	41.29	-64.11	-25.00	39.11	Vertical
6	17507.7000	26.34	-34.95	44.59	-59.28	-25.00	34.28	Vertical



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Test Band = NSA 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	5096.1600	39.83	-45.38	31.63	-69.18	-25.00	44.18	Horizontal
2	7644.2400	38.28	-43.01	36.66	-63.34	-25.00	38.34	Horizontal
3	10192.3200	31.25	-39.47	38.30	-65.19	-25.00	40.19	Horizontal
4	12740.4000	27.35	-36.74	39.02	-65.63	-25.00	40.63	Horizontal
5	15288.4800	24.96	-34.36	40.69	-63.97	-25.00	38.97	Horizontal
6	17836.5600	28.88	-34.59	46.07	-54.90	-25.00	29.90	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.1600	40.14	-45.38	31.63	-68.87	-25.00	43.87	Vertical
2	7644.2400	38.19	-43.01	36.66	-63.43	-25.00	38.43	Vertical
3	10192.3200	30.63	-39.47	38.30	-65.81	-25.00	40.81	Vertical
4	12740.4000	27.49	-36.74	39.02	-65.49	-25.00	40.49	Vertical
5	15288.4800	25.39	-34.36	40.69	-63.54	-25.00	38.54	Vertical
6	17836.5600	28.24	-34.59	46.07	-55.54	-25.00	30.54	Vertical



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Test Band = NSA 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	3759.5	43.03	-45.75	28.86	-69.12	-25.00	44.12	Horizontal
2	5190.1800	39.52	-45.29	31.86	-69.17	-25.00	44.17	Horizontal
3	7785.2700	37.59	-42.43	36.71	-63.38	-25.00	38.38	Horizontal
4	10380.3600	31.37	-39.03	38.39	-64.53	-25.00	39.53	Horizontal
5	12975.4500	25.96	-37.28	39.09	-67.48	-25.00	42.48	Horizontal
6	15570.5400	23.60	-35.08	40.10	-66.64	-25.00	41.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3811.5	43.27	-45.96	28.91	-69.04	-25.00	44.04	Vertical
2	5190.1800	39.88	-45.29	31.86	-68.81	-25.00	43.81	Vertical
3	7785.2700	37.59	-42.43	36.71	-63.38	-25.00	38.38	Vertical
4	10380.3600	31.28	-39.03	38.39	-64.62	-25.00	39.62	Vertical
5	12975.4500	25.56	-37.28	39.09	-67.88	-25.00	42.88	Vertical
6	15570.5400	24.69	-35.08	40.10	-65.55	-25.00	40.55	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	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-4.800000	-0.001851	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.900000	-0.001504	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.800000	-0.001465	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-2.900000	-0.001118	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-2.500000	-0.000964	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	0.200000	0.000077	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.000000	-0.001543	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.100000	-0.001967	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.100000	-0.001581	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	1.700000	0.000656	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	2.800000	0.001080	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.800000	-0.001465	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.700000	-0.000656	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.600000	-0.001774	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.500000	-0.001735	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-2.600000	-0.001003	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-3.500000	-0.001350	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-1.600000	-0.000617	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-3.100000	-0.001196	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-3.100000	-0.001196	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-3.900000	-0.001504	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-4.700000	-0.001813	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-2.700000	-0.001041	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-2.500000	-0.000964	PASS

---End of Attachment---



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